Finding 2020 Detailed Demographic and Housing Characteristics File A Data on data.census.gov

September 25, 2023

Audio: To hear the webinar, please call by telephone
888-790-3353 (passcode: 9885560)

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Center for Enterprise Dissemination
Dissemination Outreach Branch
U.S. Census Bureau

United States® Census Bureau

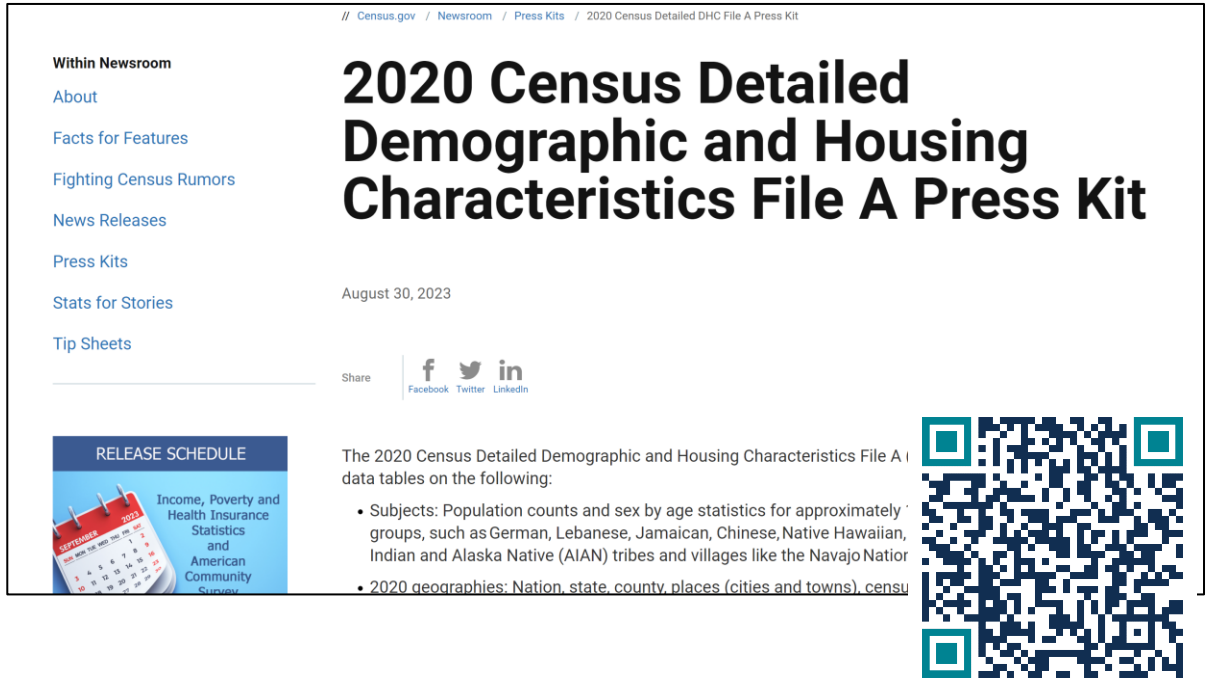
2020 Census Detailed Demographic and Housing Characteristics File A

2020 Census Product Released Sept 21, 2023:

- Detailed Demographic and Housing Characteristics File A (DHC-A)

Groups: Approximately 1,500 detailed groups

- Detailed racial and ethnic groups
- Detailed American Indian and Alaska Native tribes and villages



census.gov/newsroom/press-kits/2023/2020-detailed-dhc-file-a.html

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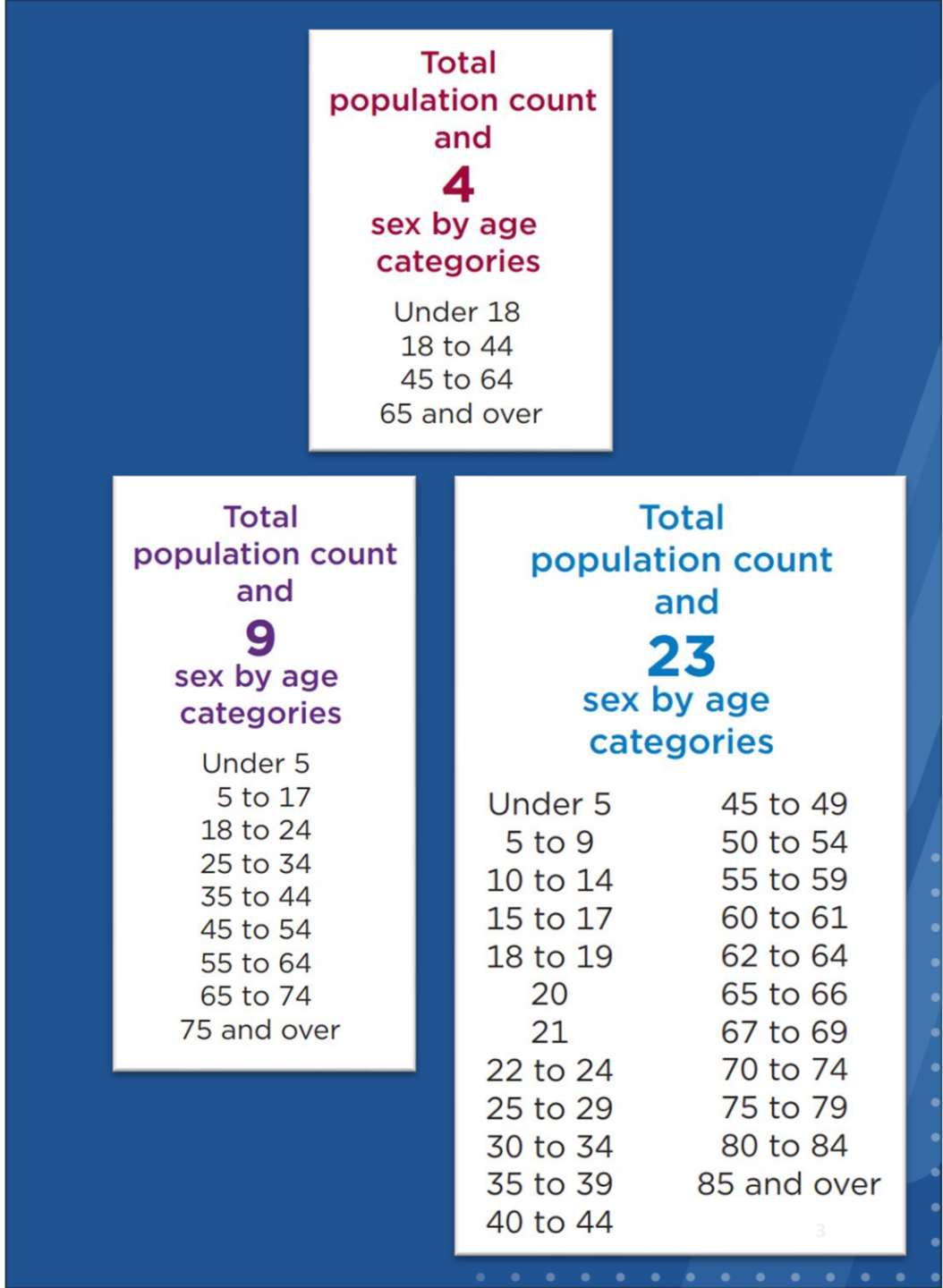
Subjects

- Population counts
- Sex-by-age statistics (number of males and females for certain age categories)

Detail depends on the size of the group and the geographic level.



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Geography

- Nation
- States
- Counties
- Census tracts
- Places
- American Indian/Alaska Native/Native Hawaiian (AIANNH) areas

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Detailed Group Thresholds

Level of Detail	Detailed Groups	
	Nation and State	Substate and AIANNH
Total count only	0–499	22–999
Sex-by-age table – 4 age categories	500–999	1,000–4,999
Sex-by-age table – 9 age categories	1,000–6,999	5,000–19,999
Sex-by-age table – 23 age categories	7,000+	20,000+

Notes:

- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- AIANNH is American Indian/Alaska Native/Native Hawaiian areas. Substate includes county, place, and census tract.

Source: U.S. Census Bureau

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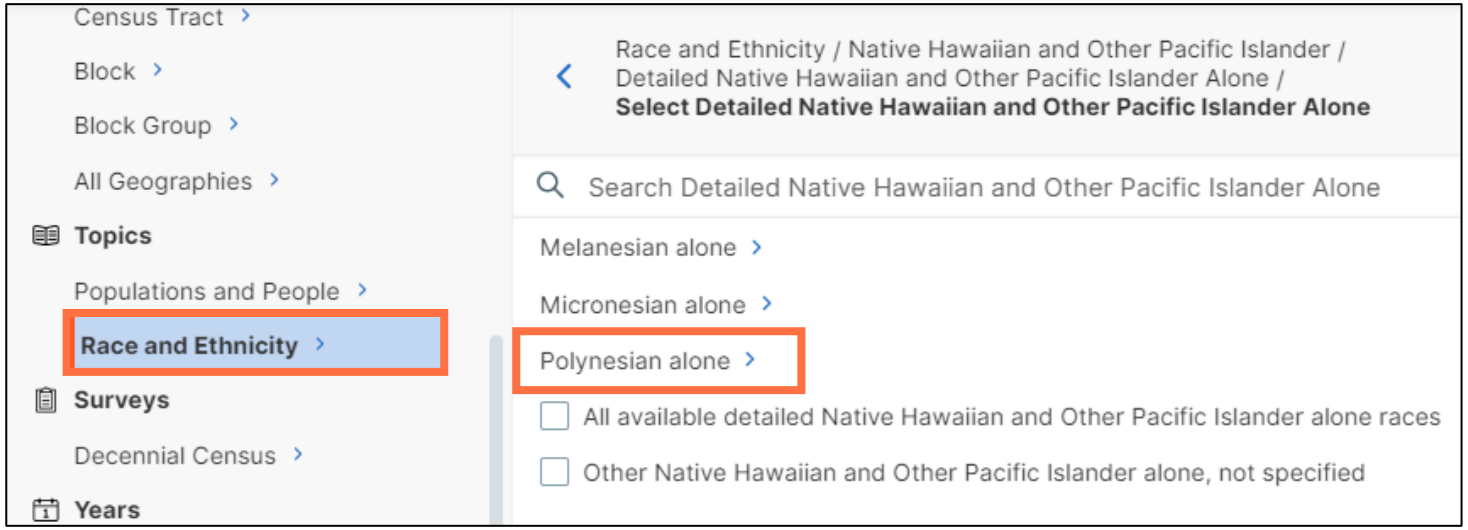
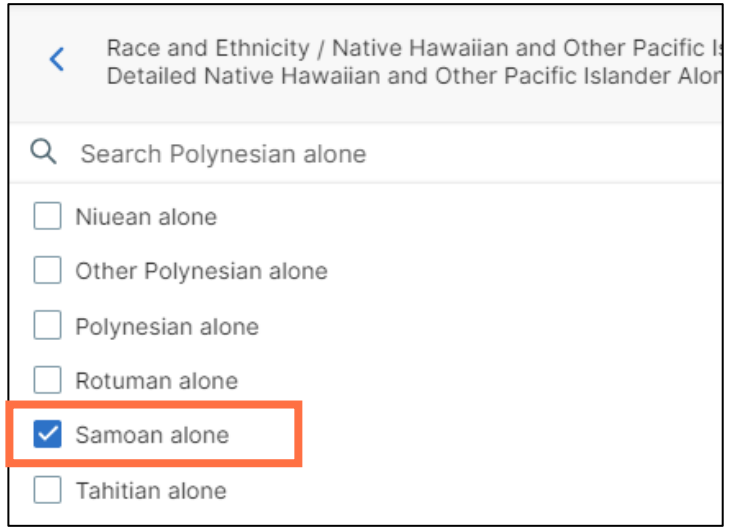
Use Race and Ethnicity Filters on data.census.gov to Select Population Groups

Click words with chevrons to get more options to choose from



Click filters with check boxes to make a final search selection



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Outline

- data.census.gov Demo
  - Getting Started
  - Selecting Multiple Geographies
  - Selecting Multiple Population Groups
- Resources for Learning More
- Questions

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data.census.gov Demo

1. **Getting Started**

   Example: Detailed DHC-A Tables for the Tokelauan alone population in the United States

   Example: Detailed DHC-A Tables for the Navajo Nation alone population in:

   - United States
   - Oklahoma
   - Navajo Nation Reservation and Off-Reservation Trust Land

2. Selecting Multiple Geographies

   Example: Egyptian alone or in any combination population for all counties in Maryland

3. Selecting Multiple Population Groups

   Example: Mexican and all Central American population groups in San Antonio, Texas

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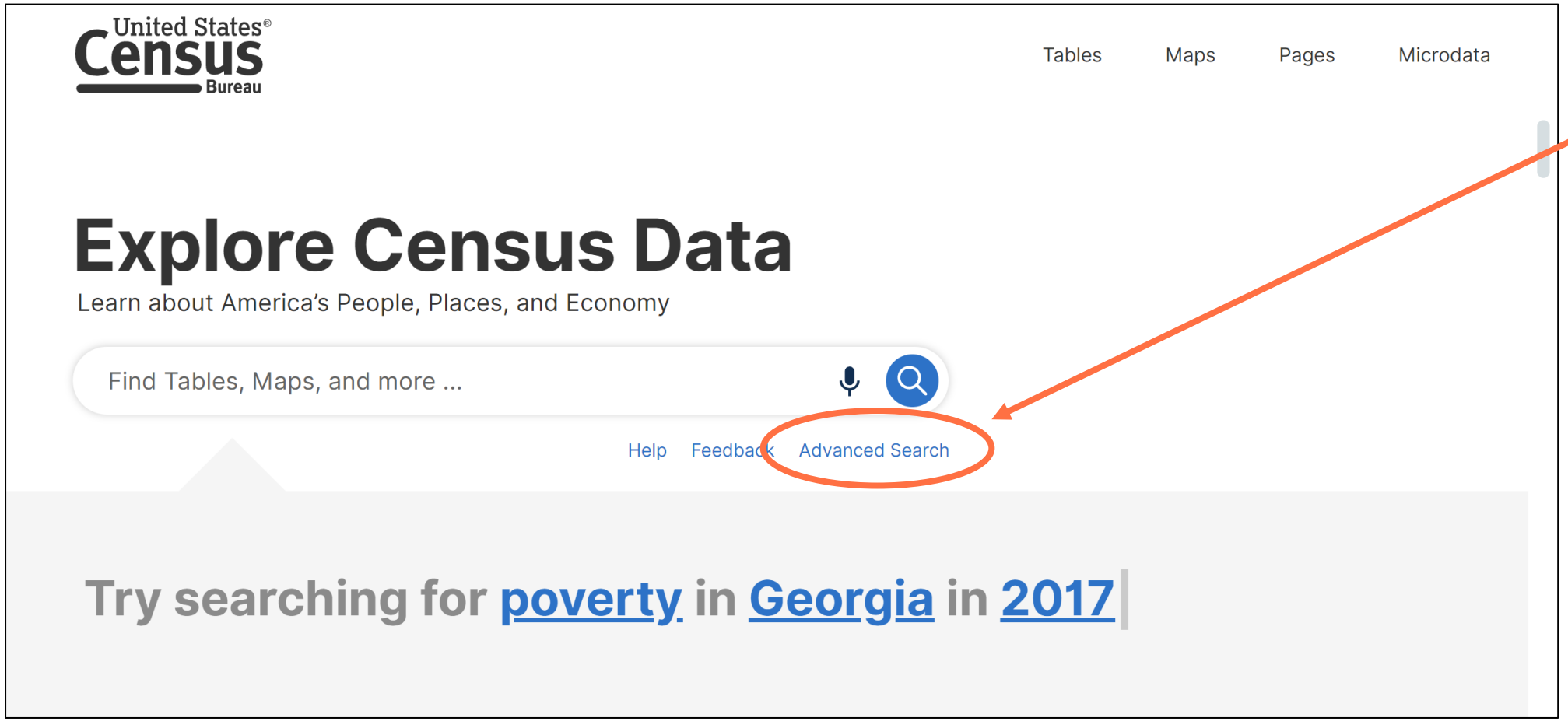
Open the Filter Panel



- Select **Advanced Search** to open the filter panel

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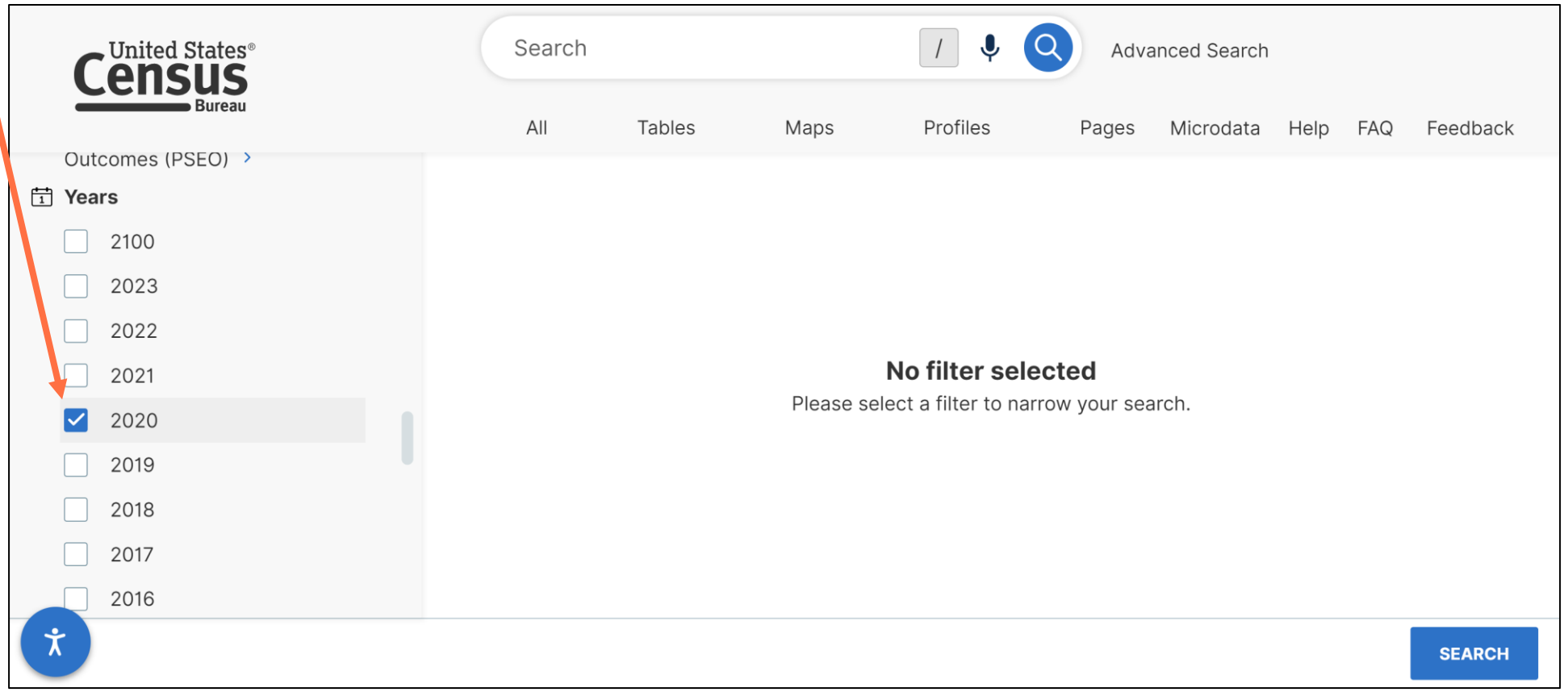
Select Year: 2020

- Select **2020** under the Years heading



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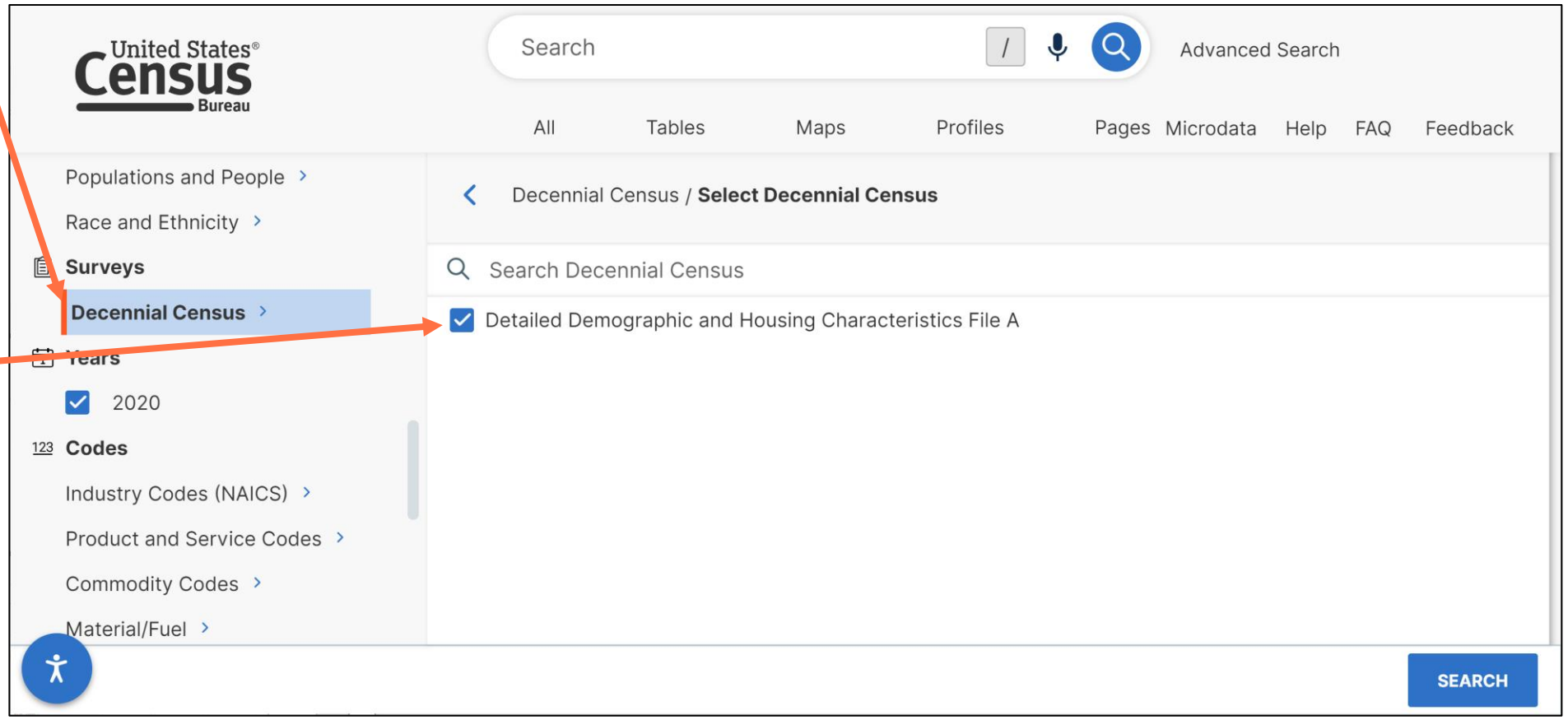
Select Survey: Detailed Demographic and Housing Characteristics File A

- Select **Decennial Census** under the Surveys heading
- Select **Detailed Demographic and Housing Characteristics File A**



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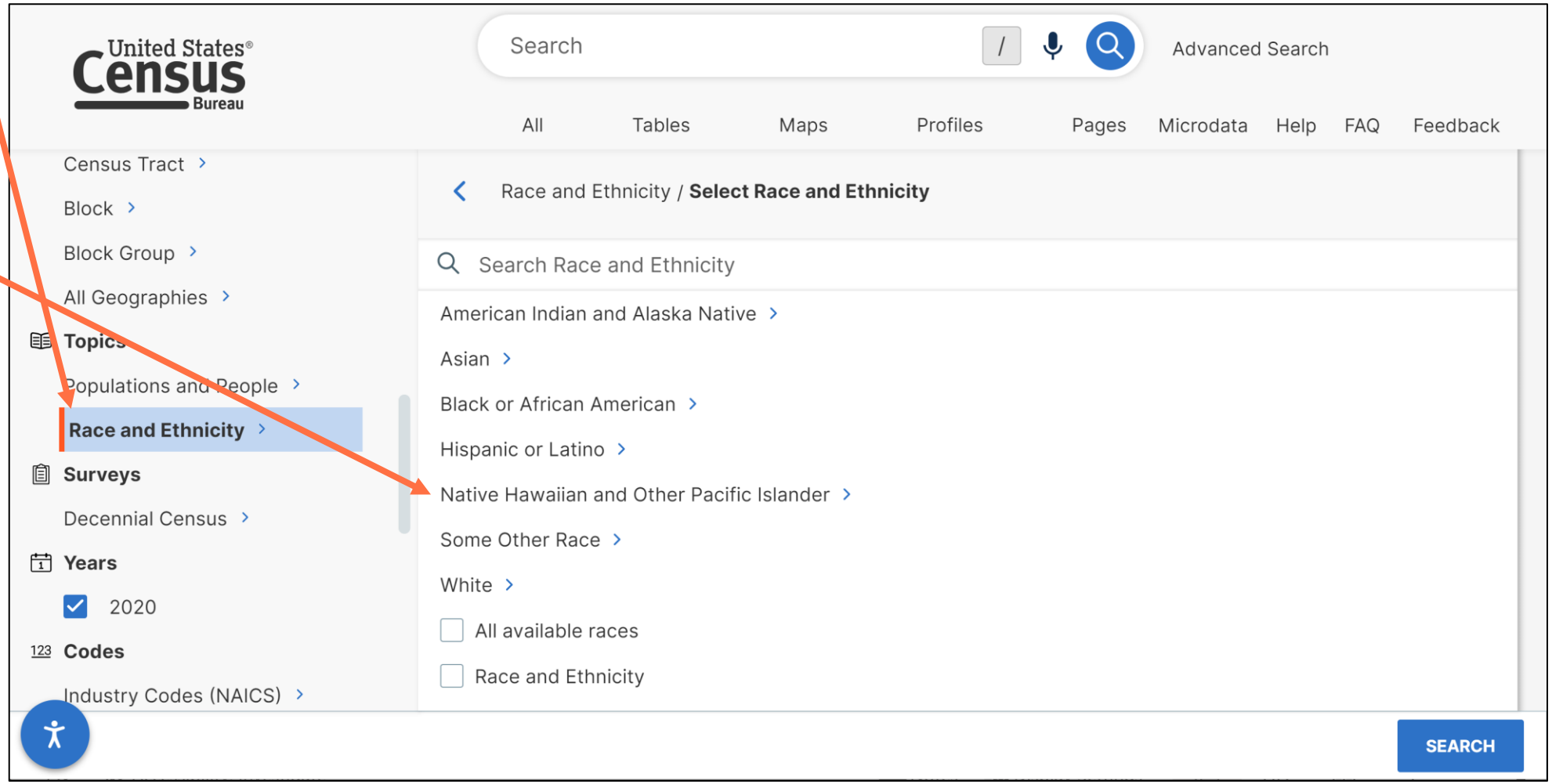
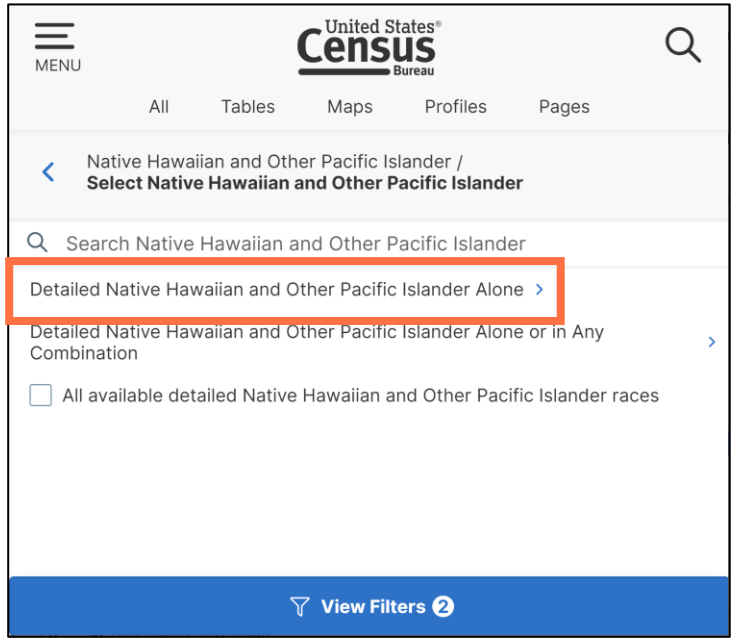
Select Topic

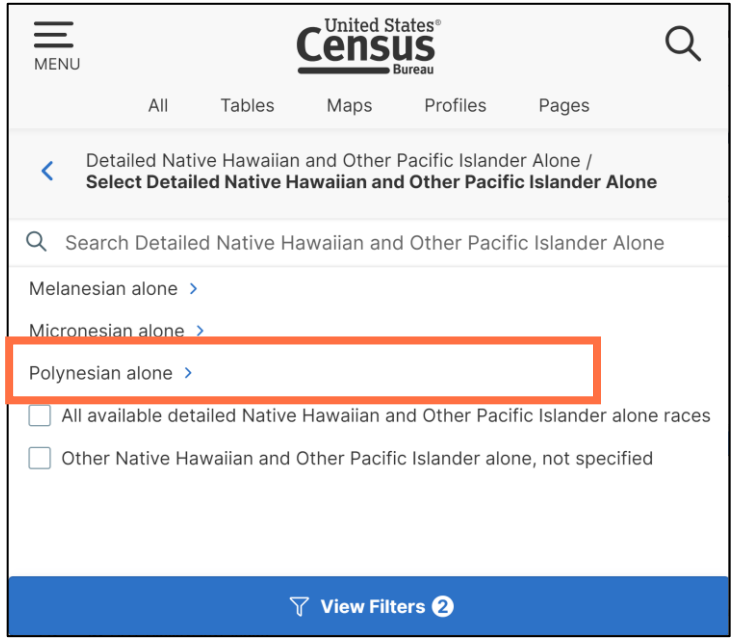
- Select **Race and Ethnicity** under the Topics heading
- Select **Native Hawaiian and Other Pacific Islander**

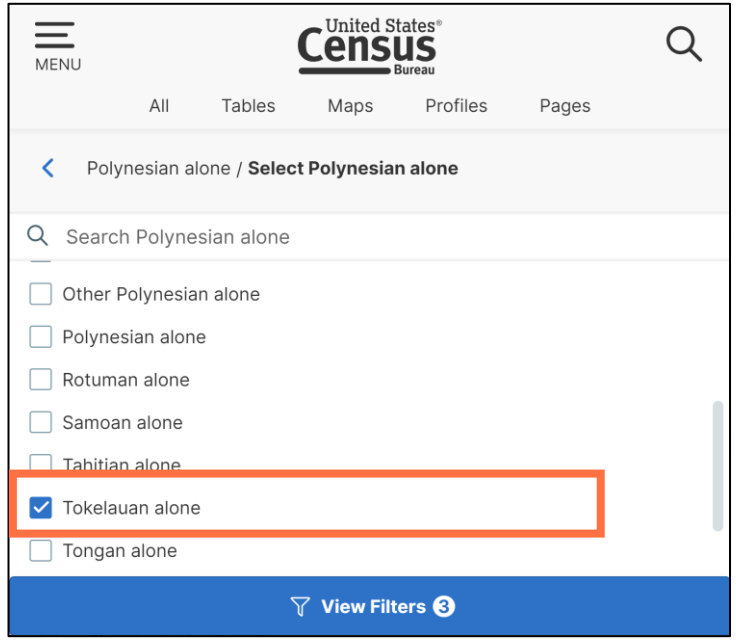


Select Tokelauan alone

- Select Detailed Native Hawaiian and Other Pacific Islander Alone → Polynesian alone → **Tokelauan alone**







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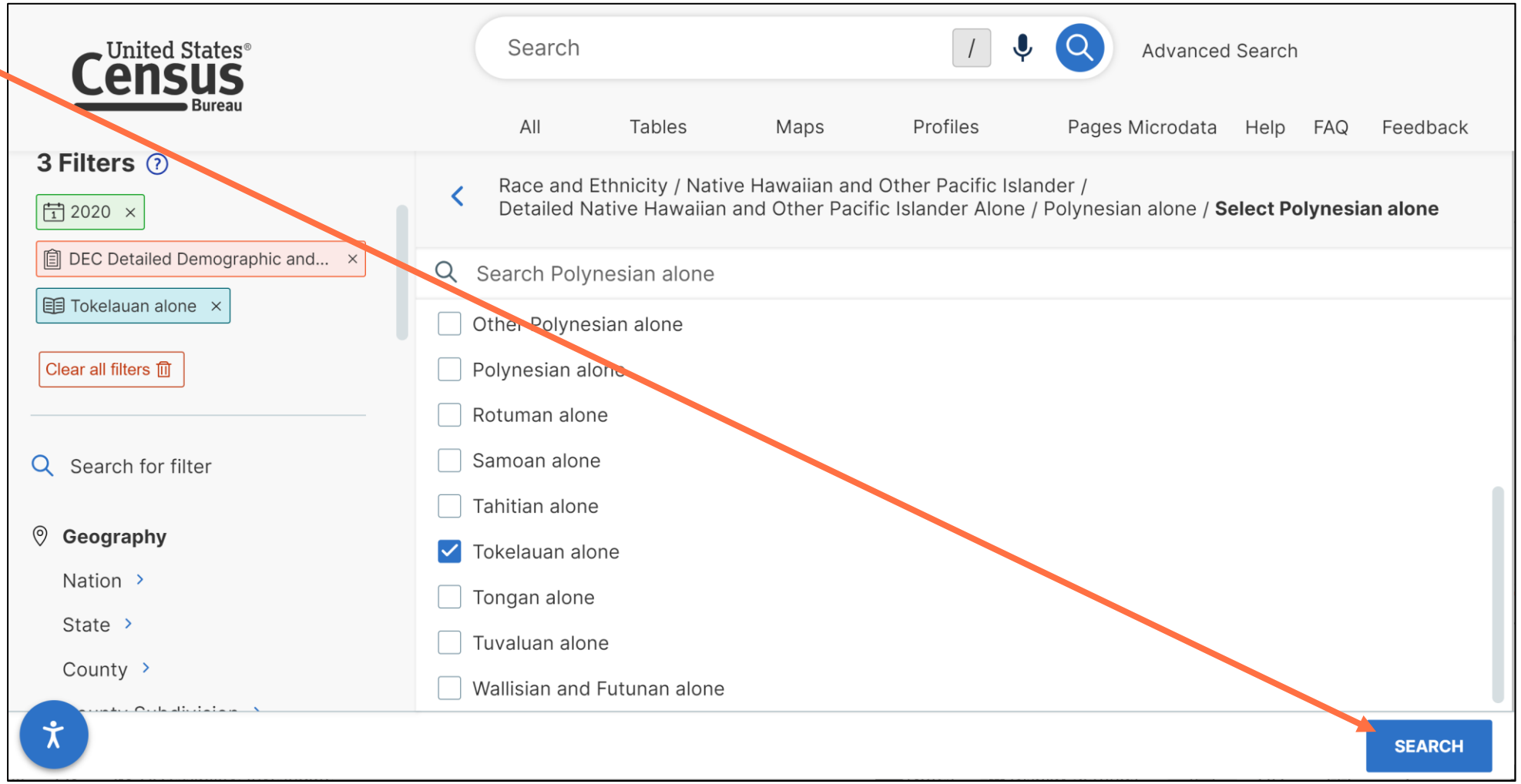
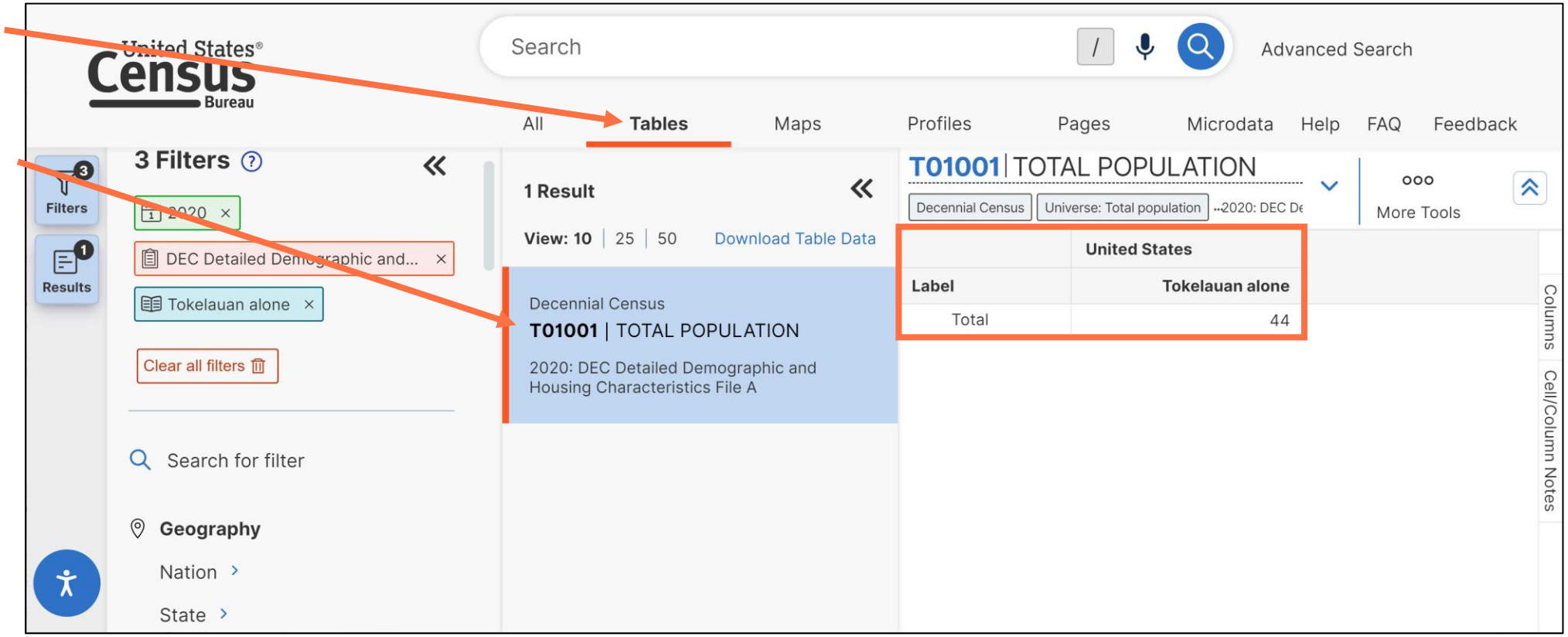
Run Search

- Verify filters and click **Search**



View Results: Total Population

- Click **Tables** at the top
- View **T01001 | Total Population.** This is the only table provided because Tokelauan population in the U.S. falls within 0-499, which is the threshold for detailed groups to only receive the total population table (and no sex by age tables) in this situation.



Detailed Group Thresholds: Tokelauan Alone Population in U.S. = 44

Level of Detail	Detailed Groups	
	Nation and State	Substate and AIANNH
Total count only	**0–499**	22–999
Sex-by-age table – 4 age categories	500–999	1,000–4,999
Sex-by-age table – 9 age categories	1,000–6,999	5,000–19,999
Sex-by-age table – 23 age categories	7,000+	20,000+

Notes:

- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- AIANNH is American Indian/Alaska Native/Native Hawaiian areas. Substate includes county, place, and census tract.

Source: U.S. Census Bureau

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data.census.gov Demo

1. **Getting Started**

   Example: Detailed DHC-A Tables for the Tokelauan alone population in the United States

   Example: Detailed DHC-A Tables for the Navajo Nation alone population in:

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2. Selecting Multiple Geographies

   Example: Egyptian alone or in any combination population for all counties in Maryland

3. Selecting Multiple Population Groups

   Example: Mexican and all Central American population groups in San Antonio, Texas

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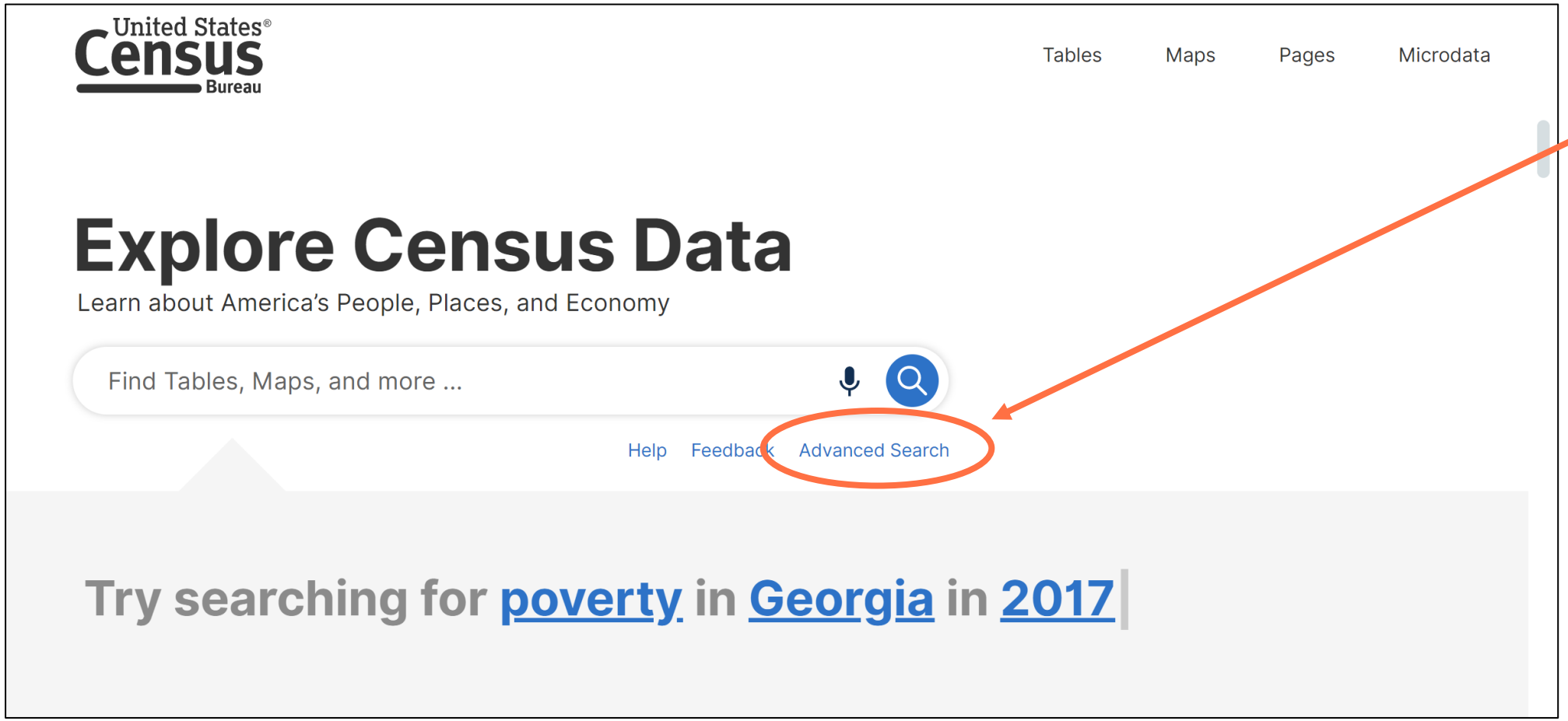
Open the Filter Panel



- Select **Advanced Search** to open the filter panel

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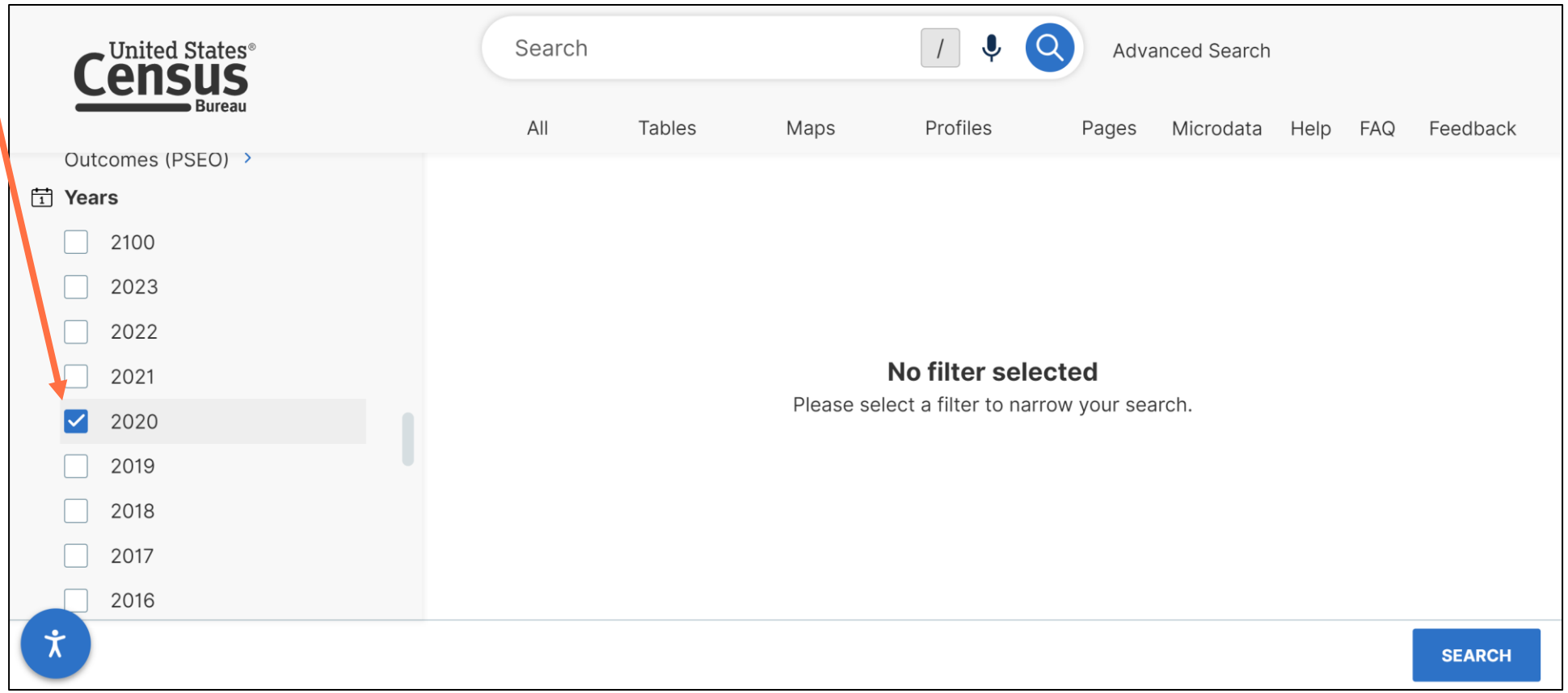
Select Year: 2020

- Select **2020** under the Years heading



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Select Survey: Detailed Demographic and Housing Characteristics File A

- Select **Decennial Census** under the Surveys heading
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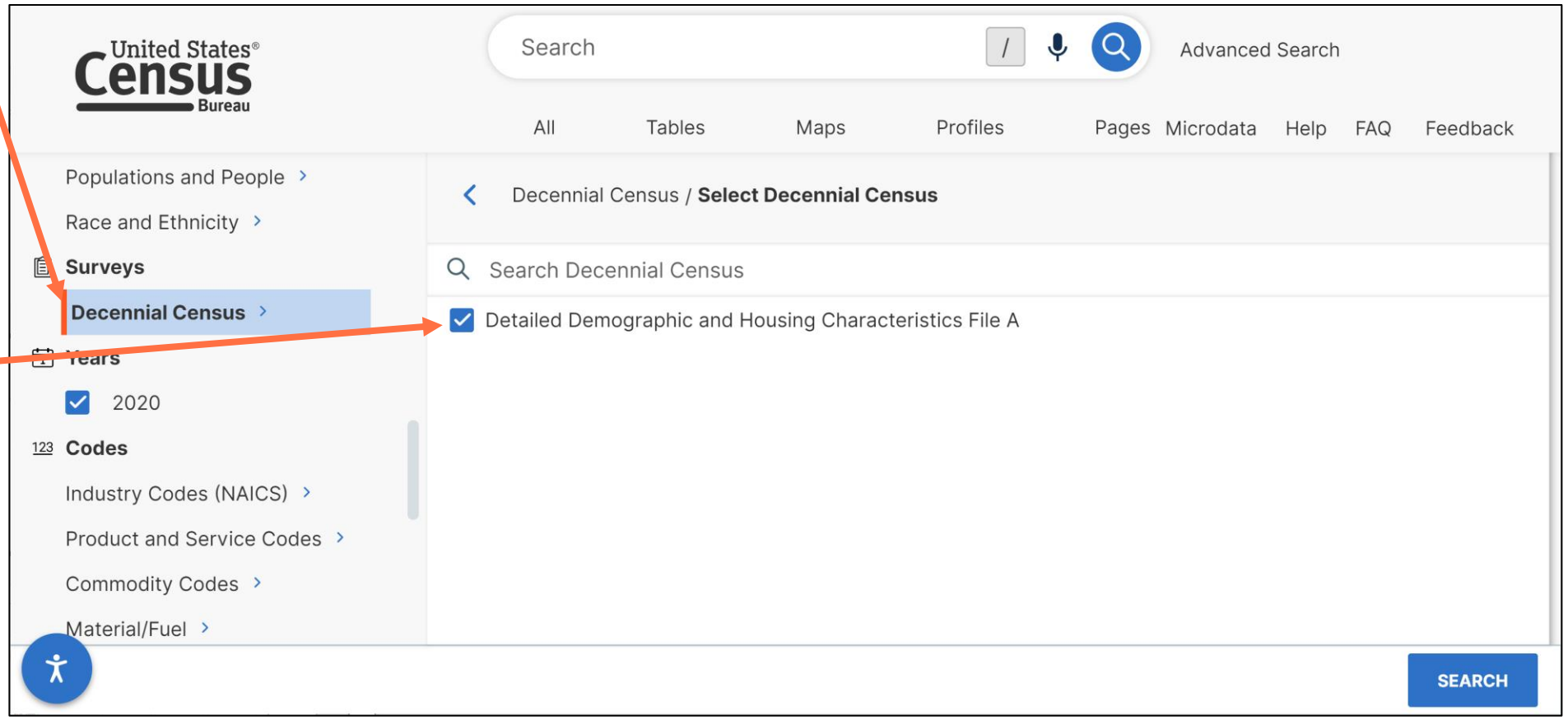

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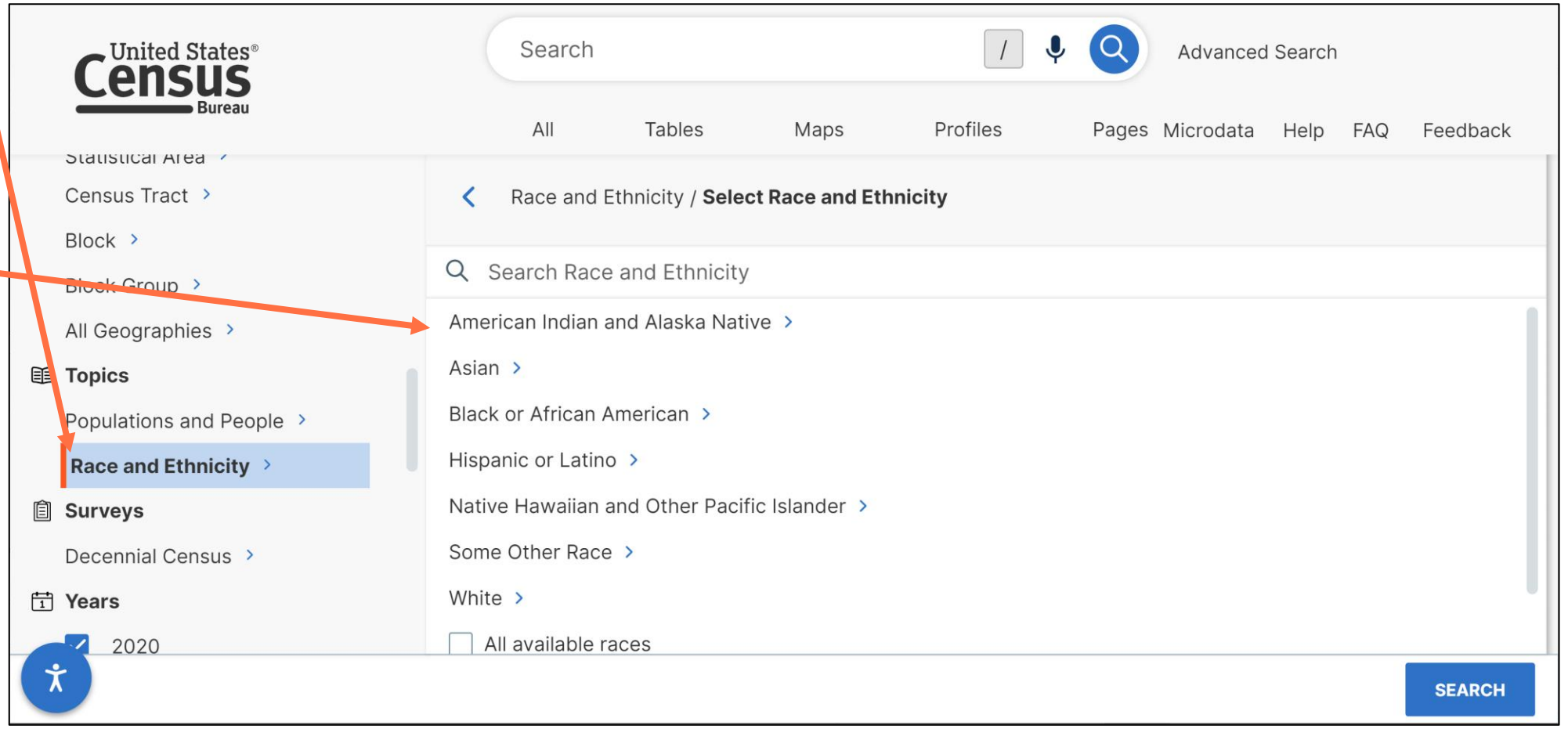
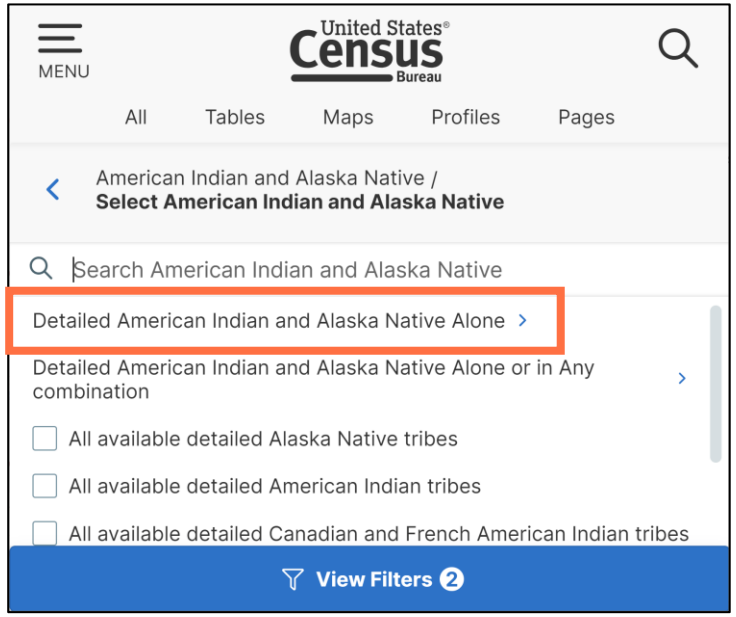
Select Topic

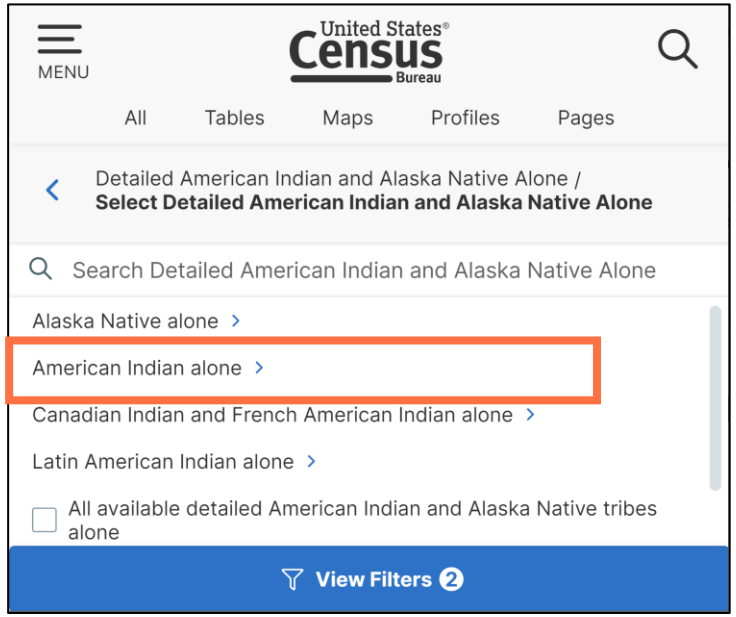
- Select **Race and Ethnicity** under the Topics heading
- Select **American Indian and Alaska Native**

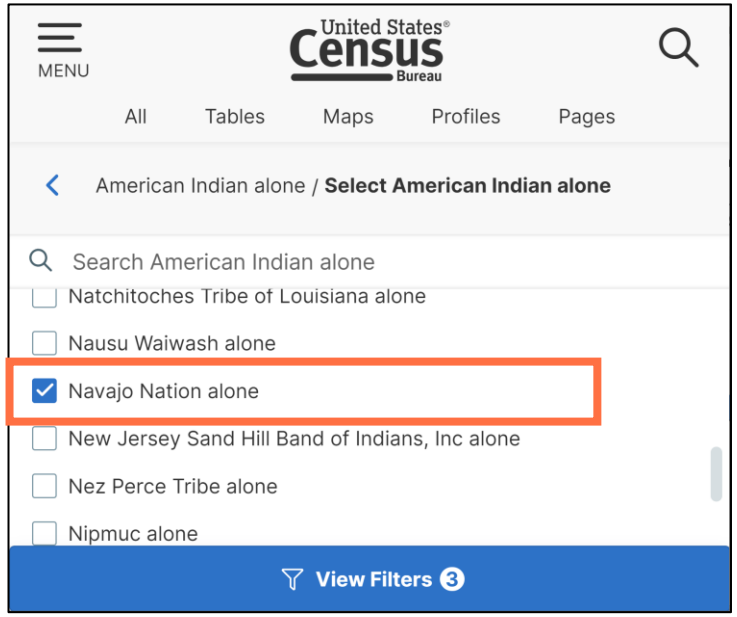


Select Navajo Nation alone

- Select Detailed American Indian and Alaska Native Alone → American Indian alone → **Navajo Nation alone**

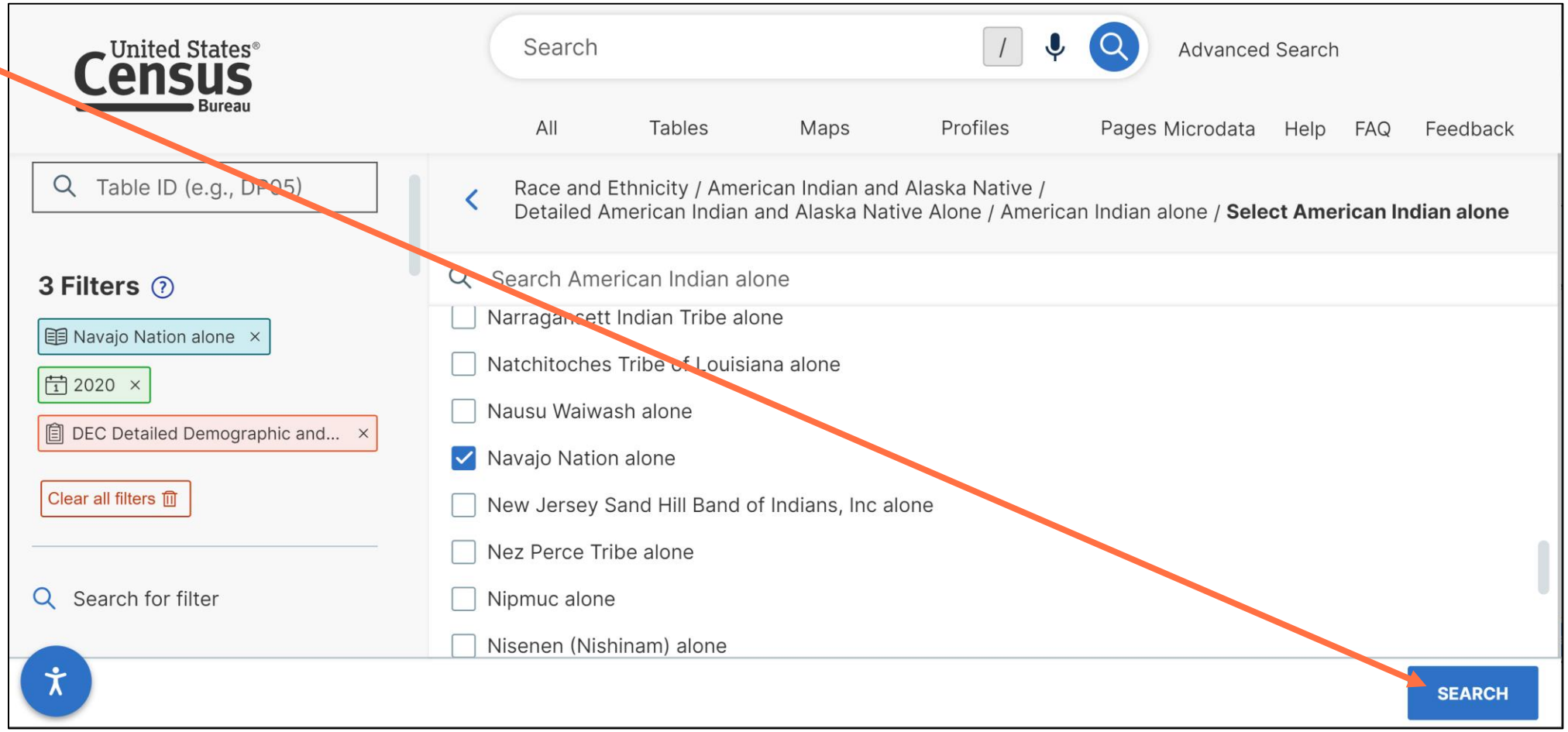






Run Search

- Verify filters and click **Search**



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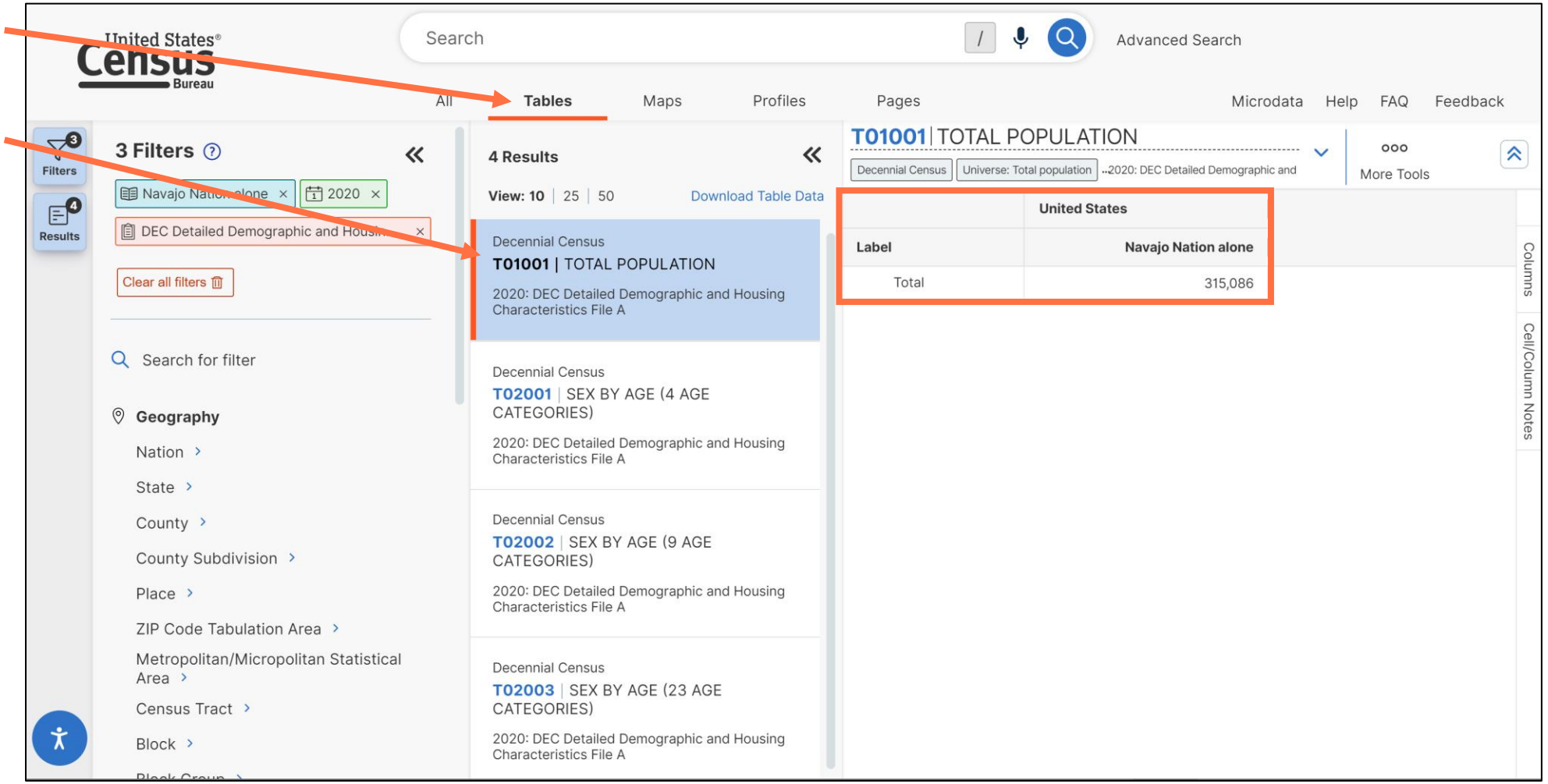
View Results: Total Population

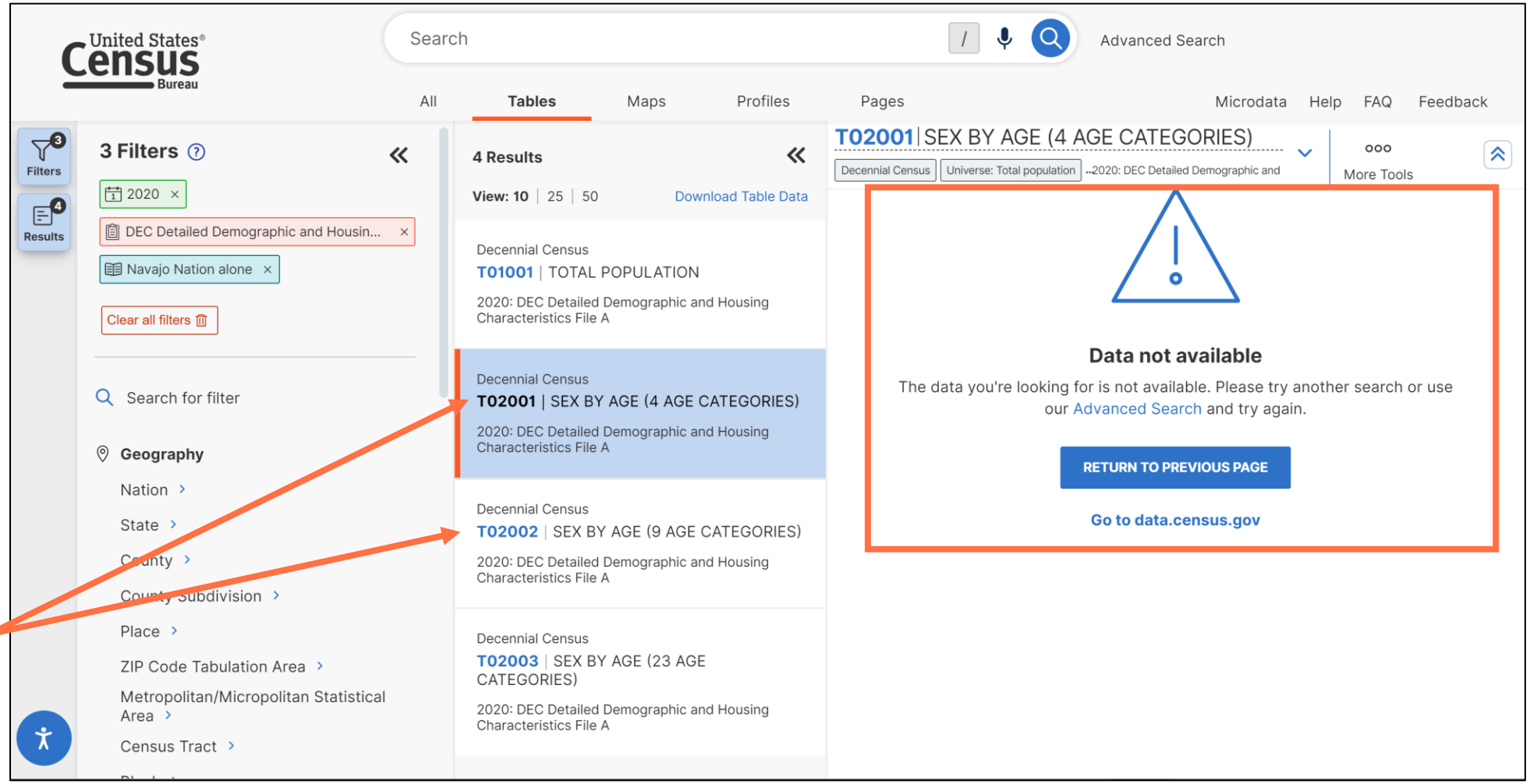
- Click **Tables** at the top
- View **T01001 | Total Population**



View Results: Age and Sex

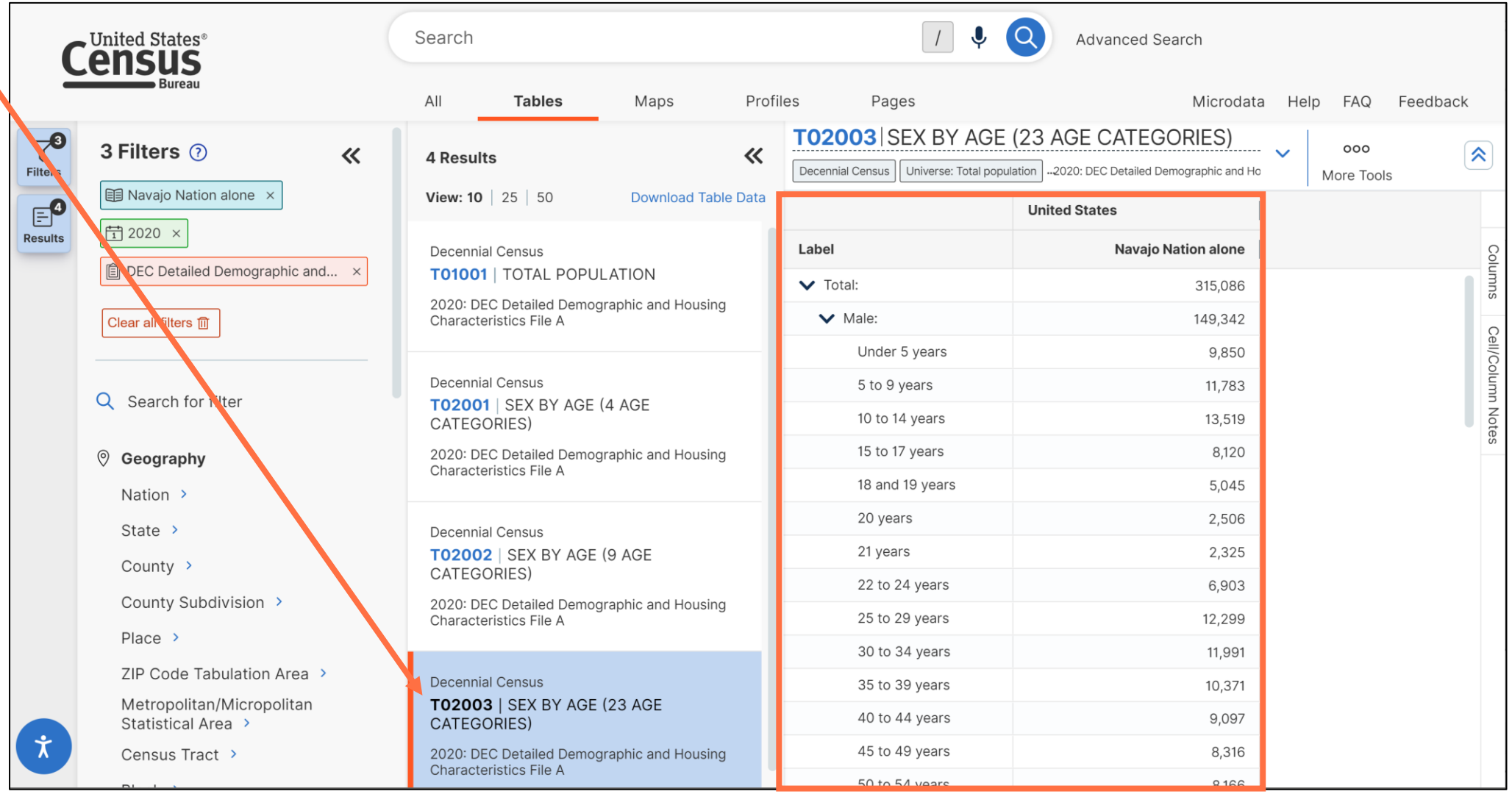
- Up to one of the three sex by age tables will have data for any combination of a specific population group and geography. Table availability is based on population thresholds

- Click **T02001** and **T02002** and view "Data Not Available" messages



View Results: Age and Sex (continued)

- Click table **T02003**. Data are provided through this table because the Navajo Nation alone population in the United States is 7,000+, which is the population threshold for this table in this situation.



Detailed Group Thresholds:
Navajo Nation Alone Population in U.S. = 315,086

Level of Detail	Detailed Groups	
	Nation and State	Substate and AIANNH
Total count only	0–499	22–999
Sex-by-age table – 4 age categories	500–999	1,000–4,999
Sex-by-age table – 9 age categories	1,000–6,999	5,000–19,999
Sex-by-age table – 23 age categories	**7,000+**	20,000+

Notes:

- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- AIANNH is American Indian/Alaska Native/Native Hawaiian areas. Substate includes county, place, and census tract.

Source: U.S. Census Bureau

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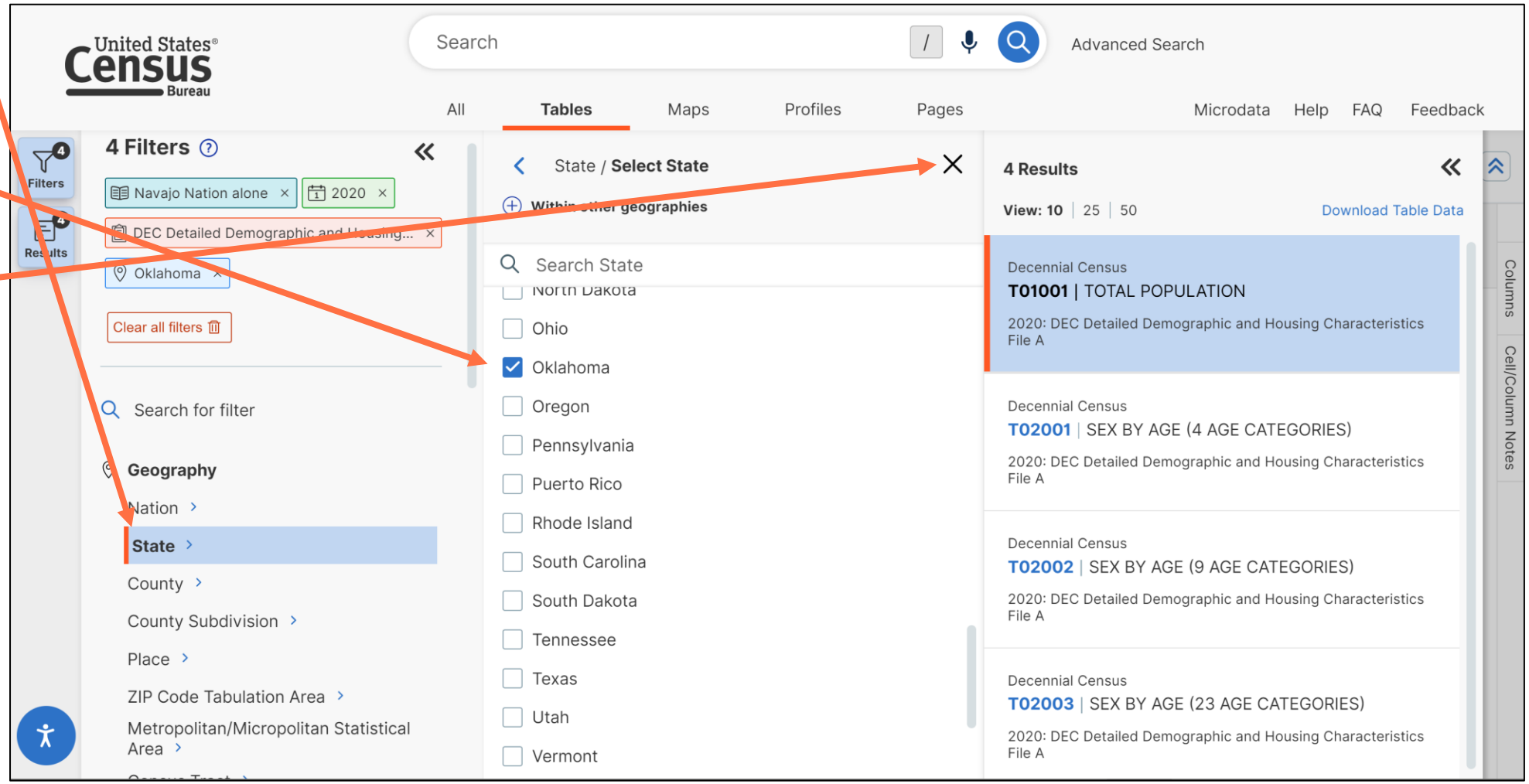
Add Geography: Oklahoma

- Click **State** under the Geography heading
- Click **Oklahoma**
- Click the **X** to close the panel



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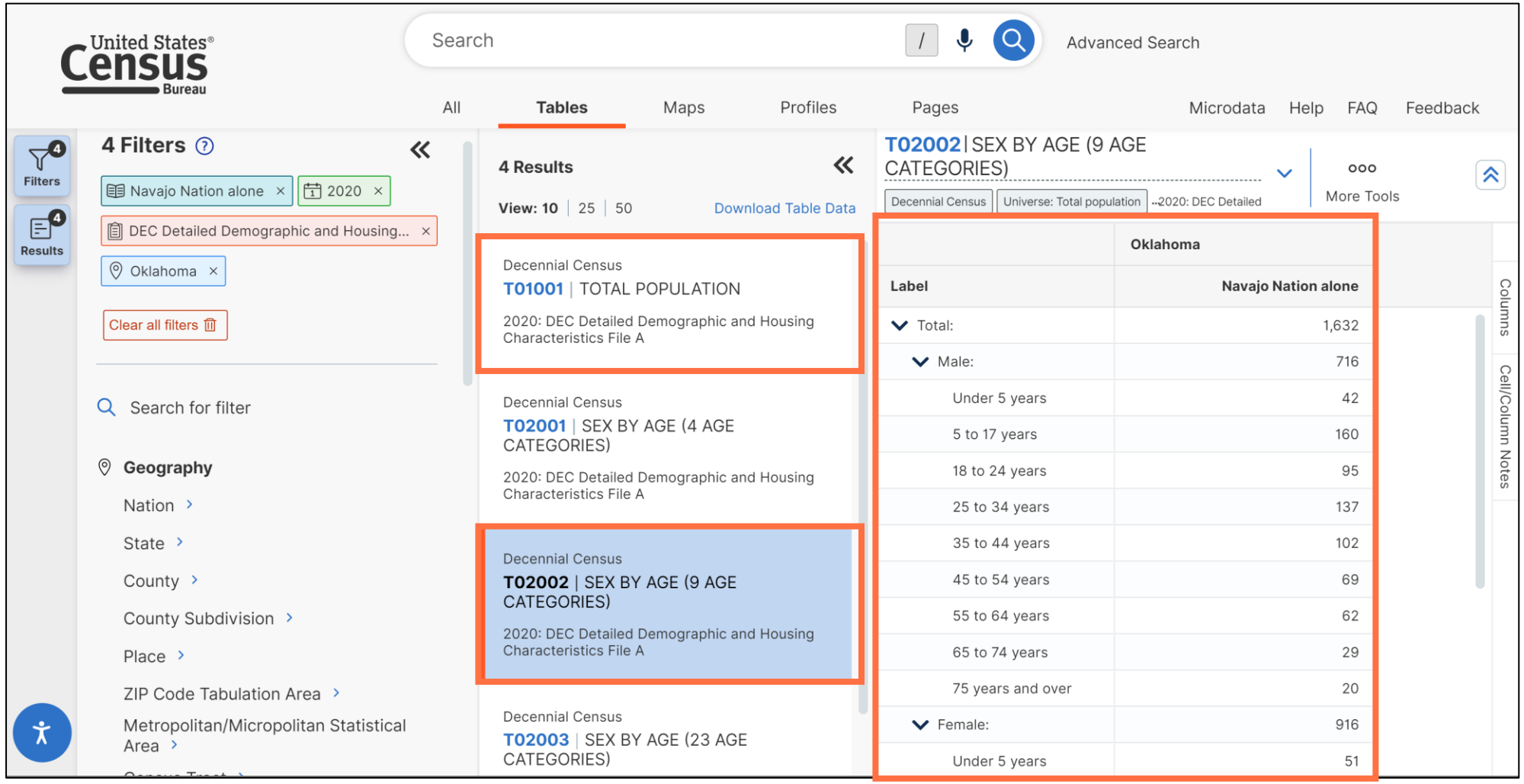
View Results for Oklahoma

- Data are provided through tables **T01001** and **T02002** because the Navajo Nation alone population in Oklahoma falls within the population threshold of 1,000–6,999.



Detailed Group Thresholds: Navajo Nation Alone Population in Oklahoma = 1,632

Level of Detail	Detailed Groups	
	Nation and State	Substate and AIANNH
Total count only	0–499	22–999
Sex-by-age table – 4 age categories	500–999	1,000–4,999
Sex-by-age table – 9 age categories	**1,000–6,999**	5,000–19,999
Sex-by-age table – 23 age categories	7,000+	20,000+

Notes:

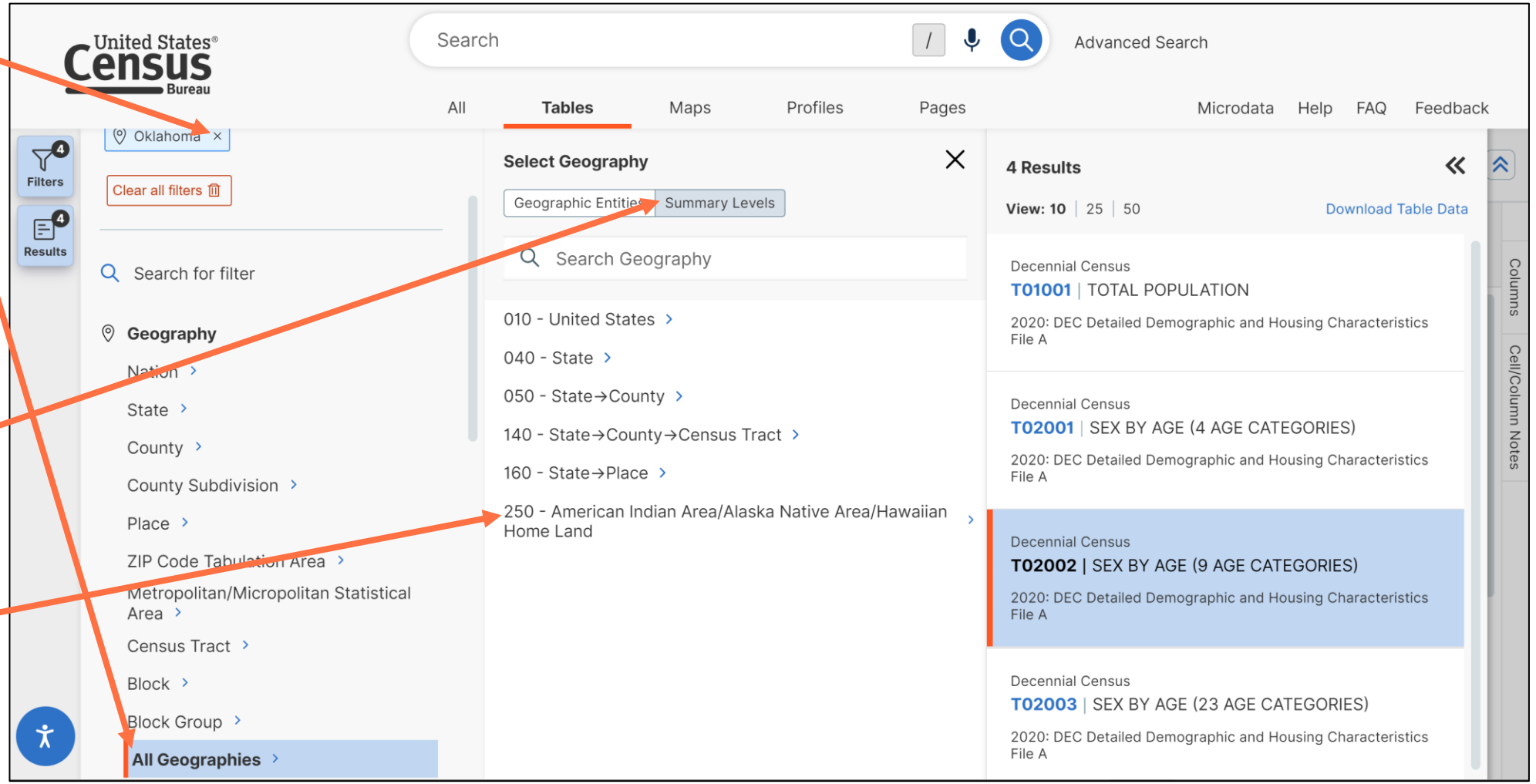
- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- AIANNH is American Indian/Alaska Native/Native Hawaiian areas. Substate includes county, place, and census tract.

Source: U.S. Census Bureau

United States® Census Bureau

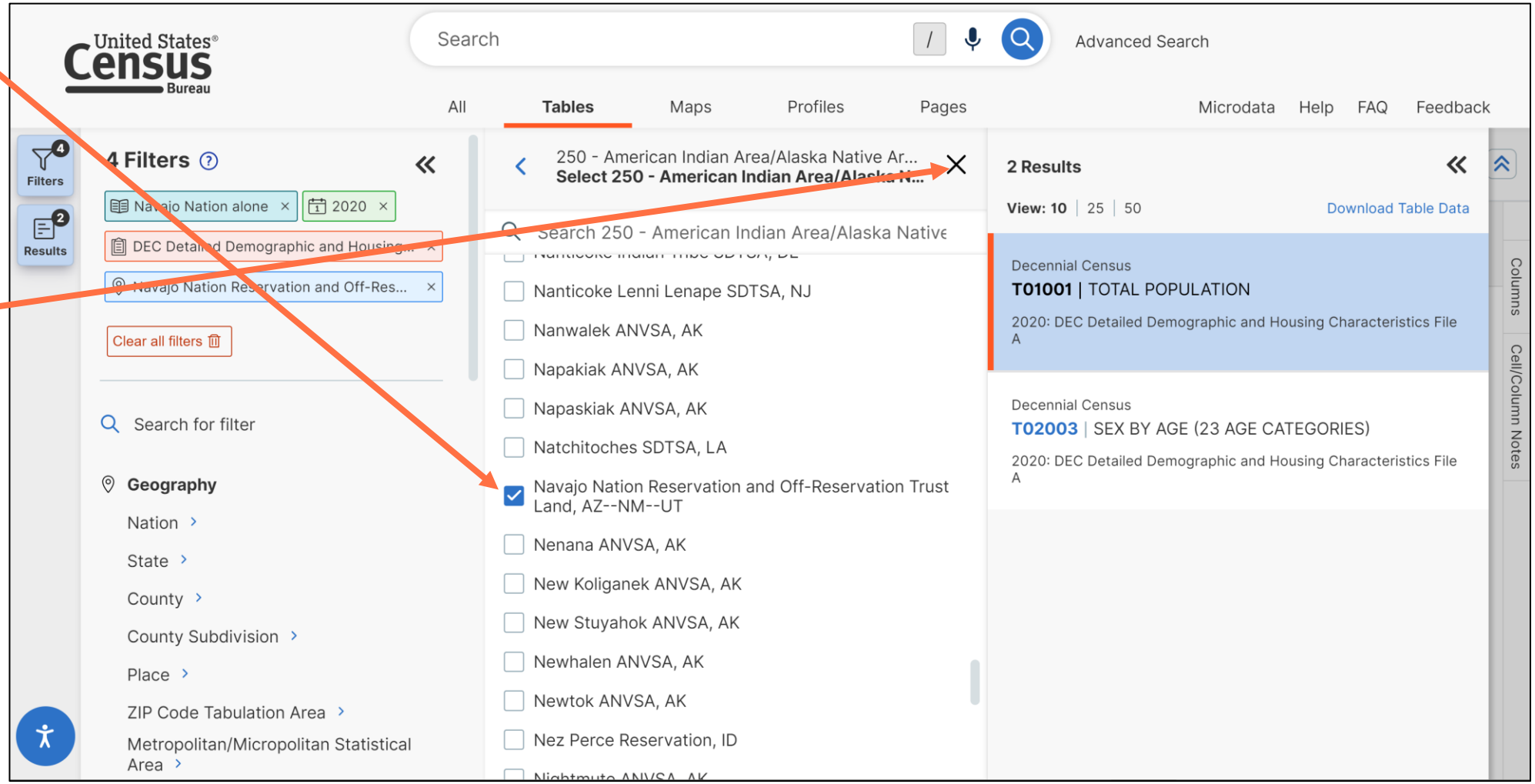
Edit Geography: American Indian Area

- Click the **X** to remove the filter for Oklahoma
- Click **All Geographies** under the Geography heading
- Click **Summary Levels**
- Click **250 – American Indian Area/Alaska Native Area/Hawaiian Home Land**



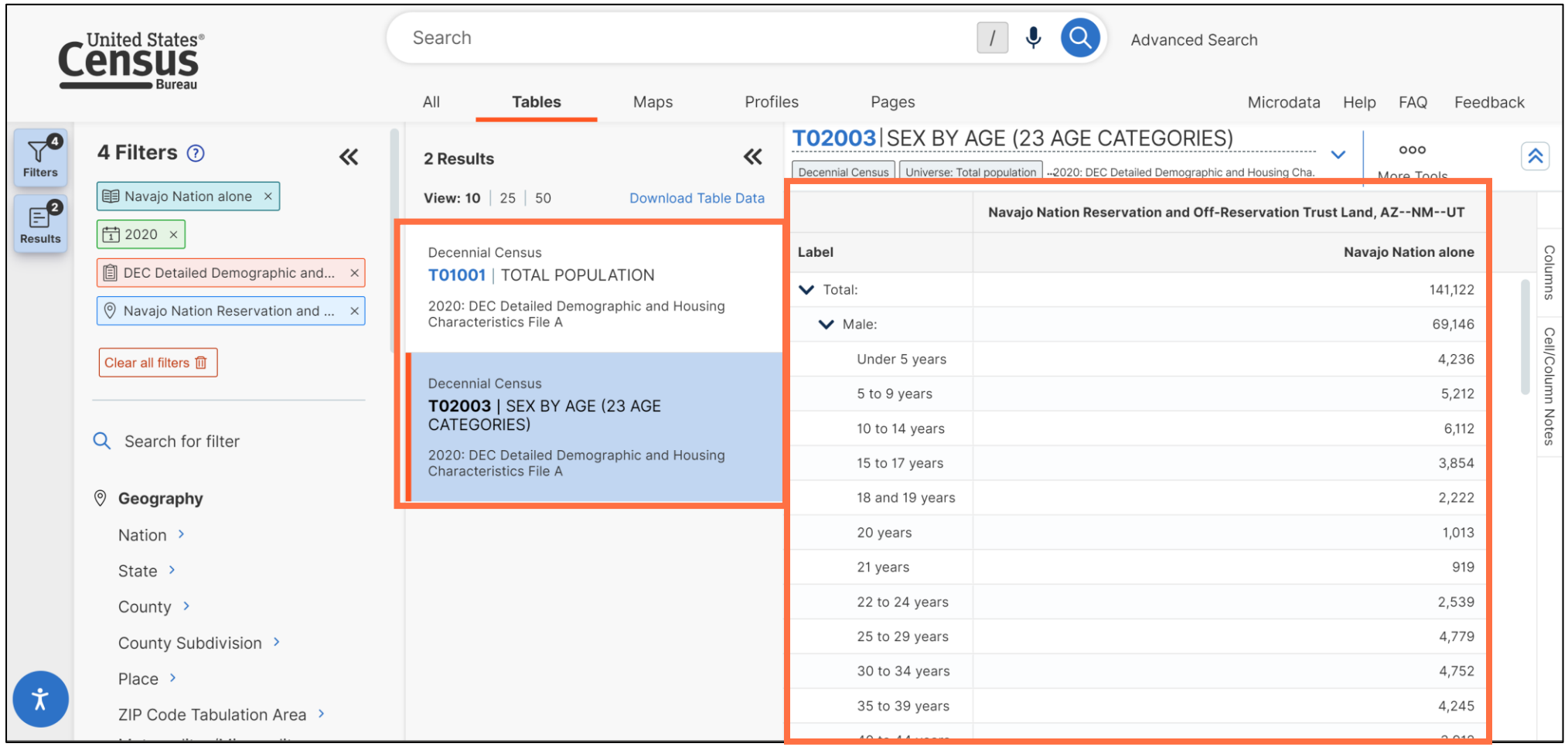
Add Geography: Navajo Nation Reservation and Off-Reservation Trust Land

- Select **Navajo Nation Reservation and Off-Reservation Trust Land, AZ—NM--UT**
- Click the **X** to close the panel



View Results for Navajo Nation Reservation and Off-Reservation Trust Land

- Data are provided through tables **T01001** and **T02003** because the Navajo Nation alone population living in the Navajo Nation Reservation and Off-Reservation Trust Land is 20,000+, which is the population threshold for table T02003 in this instance.



Detailed Group Thresholds:
Navajo Nation Alone in Navajo Nation Reservation = 141,122

Level of Detail	Detailed Groups	
	Nation and State	**Substate and AIANNH**
Total count only	0–499	22–999
Sex-by-age table – 4 age categories	500–999	1,000–4,999
Sex-by-age table – 9 age categories	1,000–6,999	5,000–19,999
Sex-by-age table – 23 age categories	7,000+	**20,000+**

Notes:

- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- AIANNH is American Indian/Alaska Native/Native Hawaiian areas. Substate includes county, place, and census tract.

Source: U.S. Census Bureau

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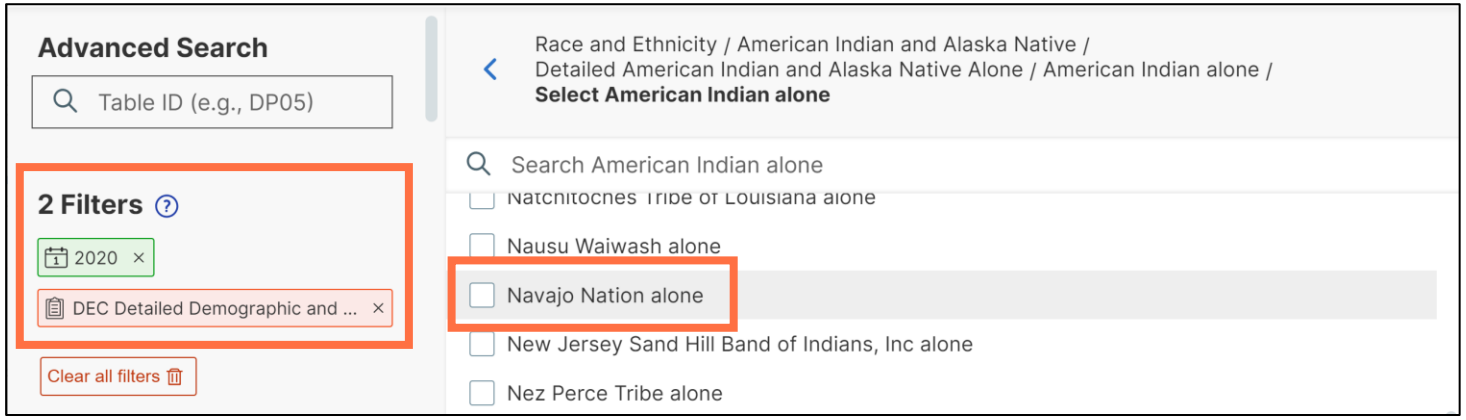
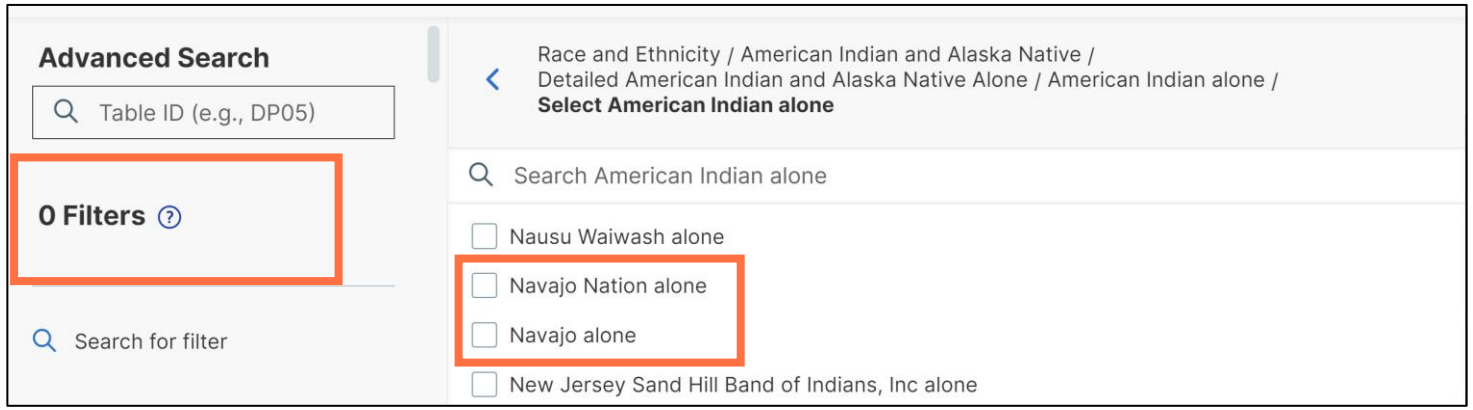
Ensure Race/Ethnicity Filters Are Compatible with Detailed DHC-A

Tip: Select the year and survey filters *before* selecting race/ethnicity filters



If you try to select race and ethnicity filters first, you will see all possible options. Filters can change over time:
Example: “Navajo alone” is for 2000 Census data; “Navajo Nation alone” is for 2020 Census data



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data.census.gov Demo

1. Getting Started with Detailed DHC-A Tables and Population Group Filters
   - Example: Detailed DHC-A Tables for the Tokelauan alone population in the United States
   - Example: Detailed DHC-A Tables for the Navajo Nation alone population in:
     - United States
     - Oklahoma
     - Navajo Nation Reservation and Off-Reservation Trust Land

2. **Selecting Multiple Geographies**
   - Example: Egyptian alone or in any combination population for all counties in Maryland

3. Selecting Multiple Population Groups
   - Example: Mexican and all Central American population groups in San Antonio, Texas

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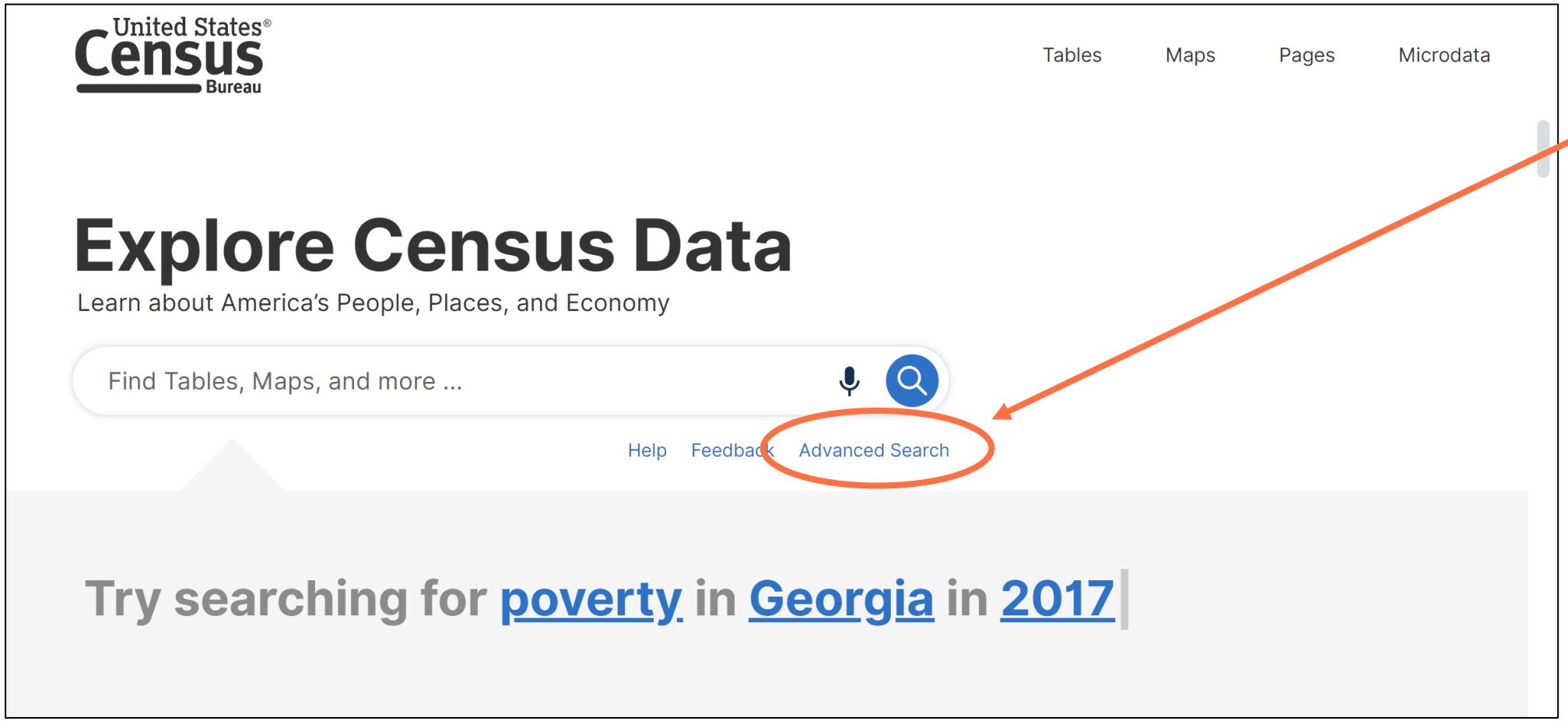
Open the Filter Panel



- Select **Advanced Search** to open the filter panel

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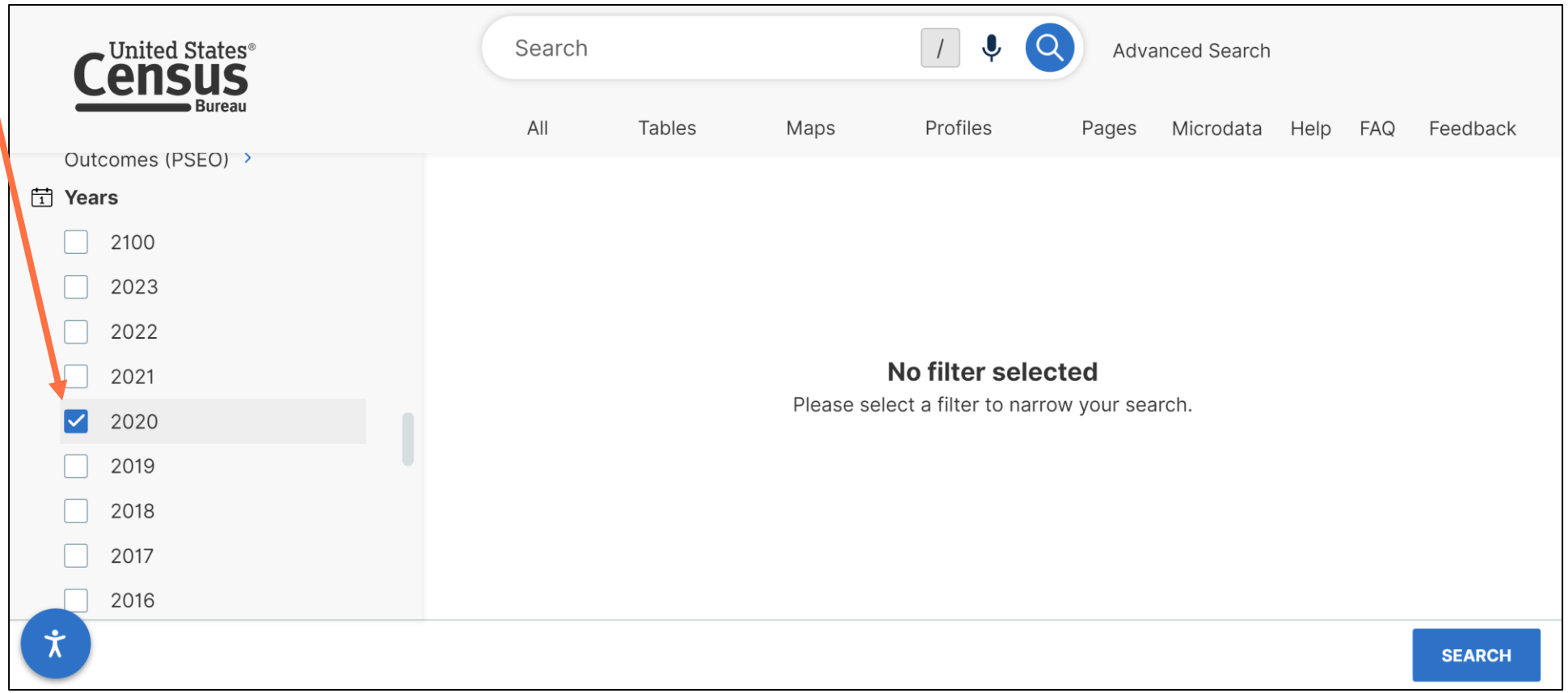
Select Year: 2020

- Select **2020** under the Years heading



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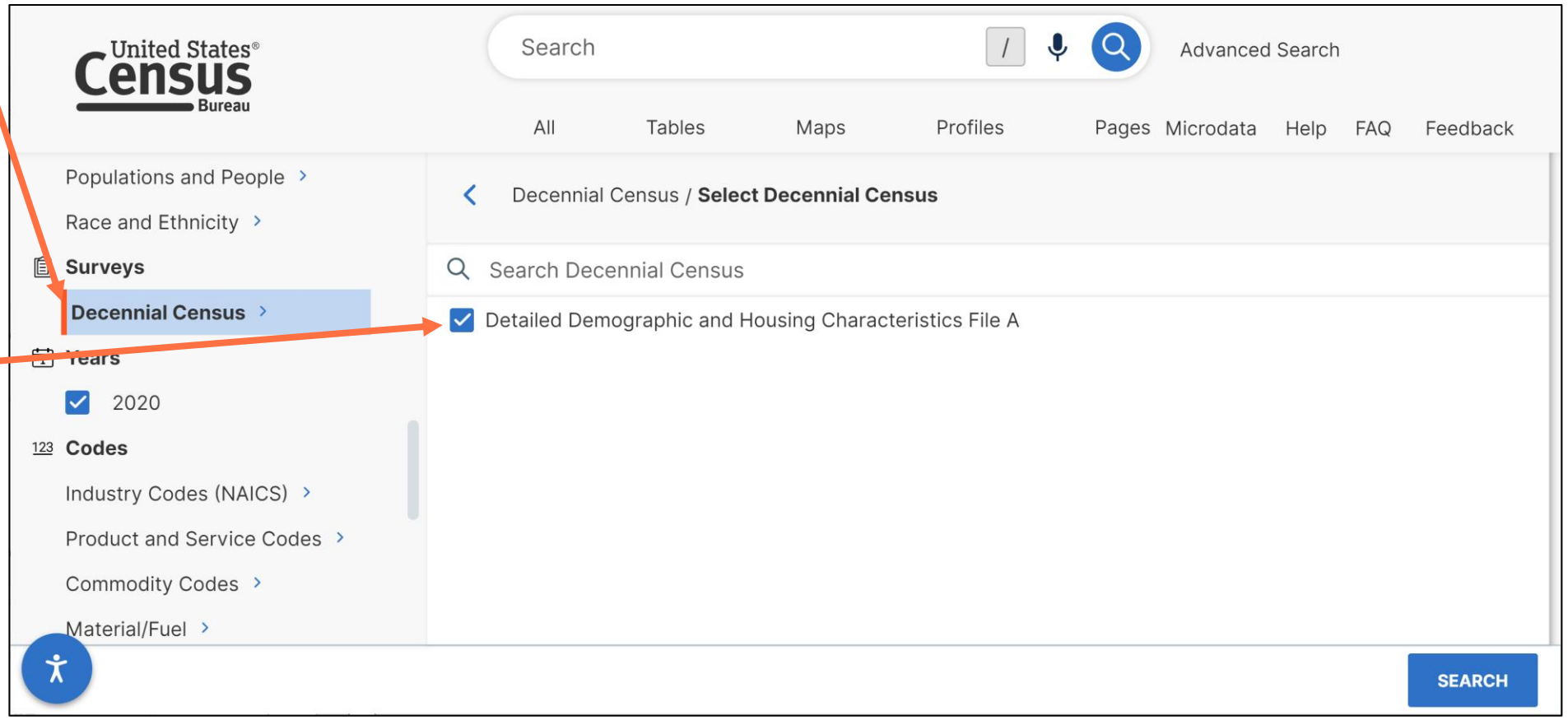
Select Survey: Detailed Demographic and Housing Characteristics File A

- Select **Decennial Census** under the Surveys heading
- Select **Detailed Demographic and Housing Characteristics File A**



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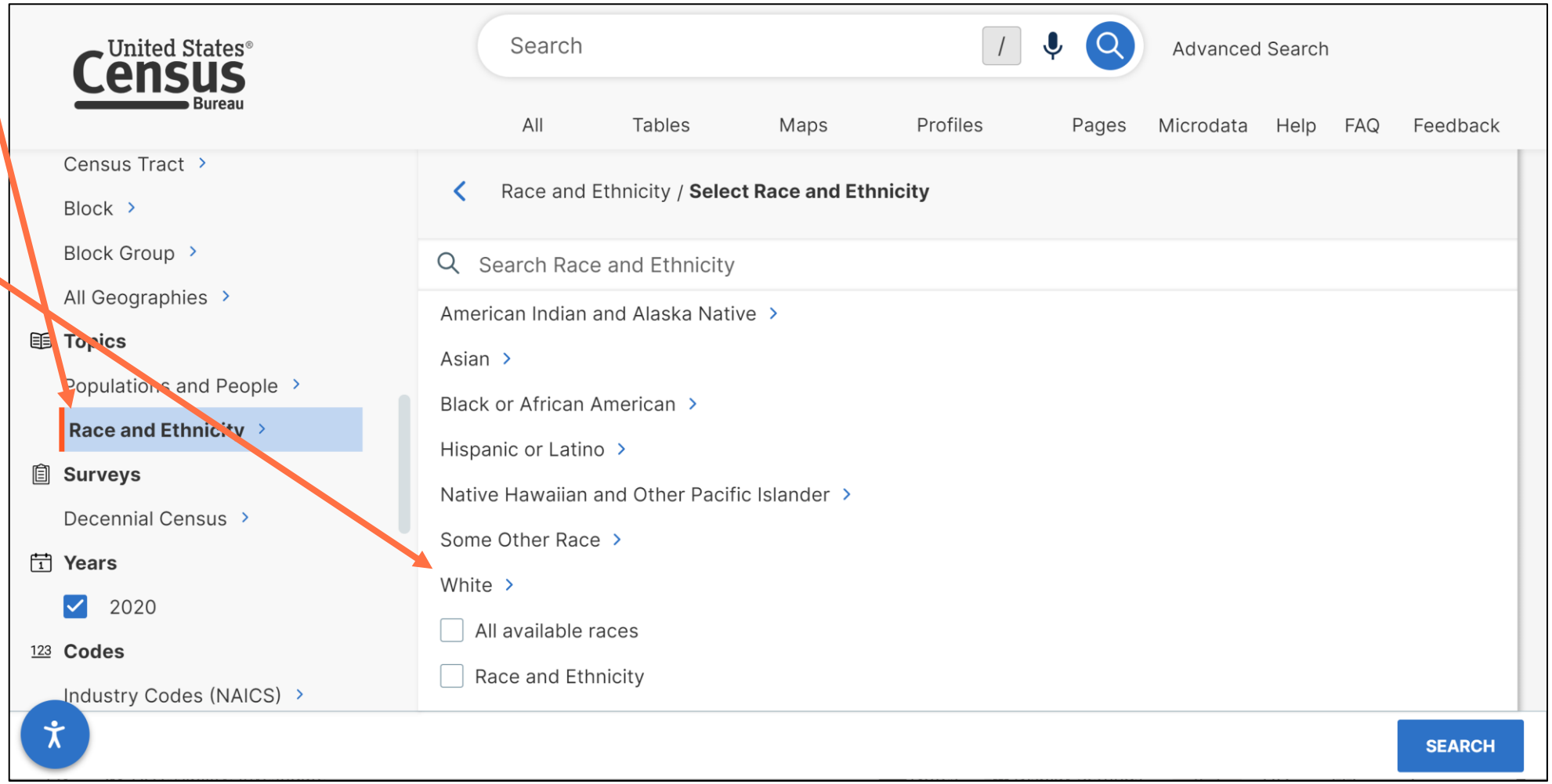
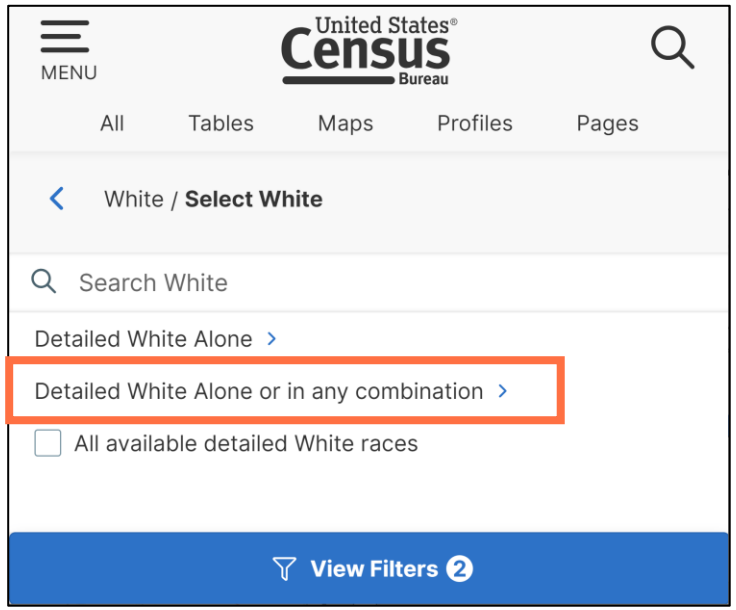
Select Topic

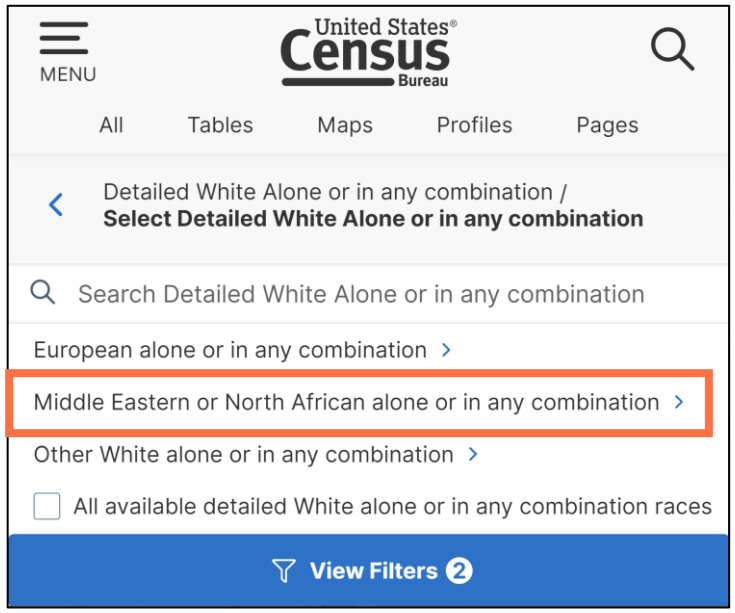
- Select **Race and Ethnicity** under the Topics heading
- Select **White**

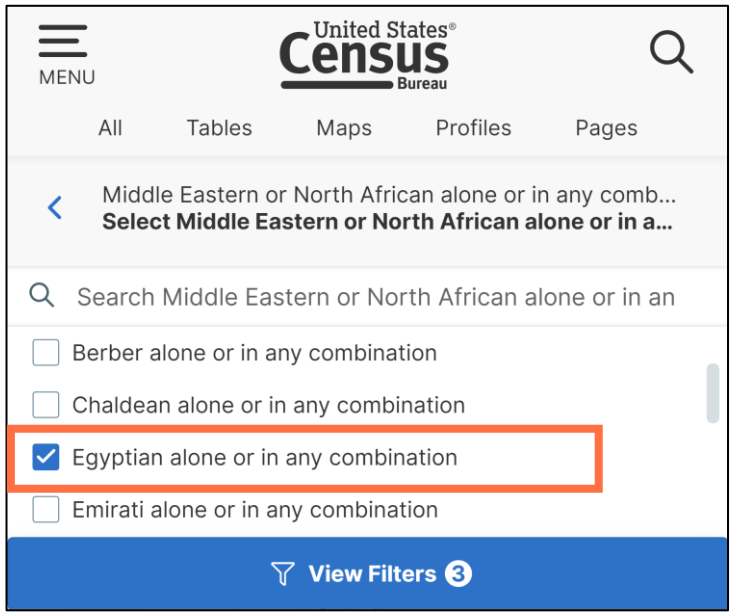


Select Egyptian alone or in any combination

- Select Detailed White Alone or in any combination → Middle Eastern or North African alone or in any combination → **Egyptian alone or in any combination**



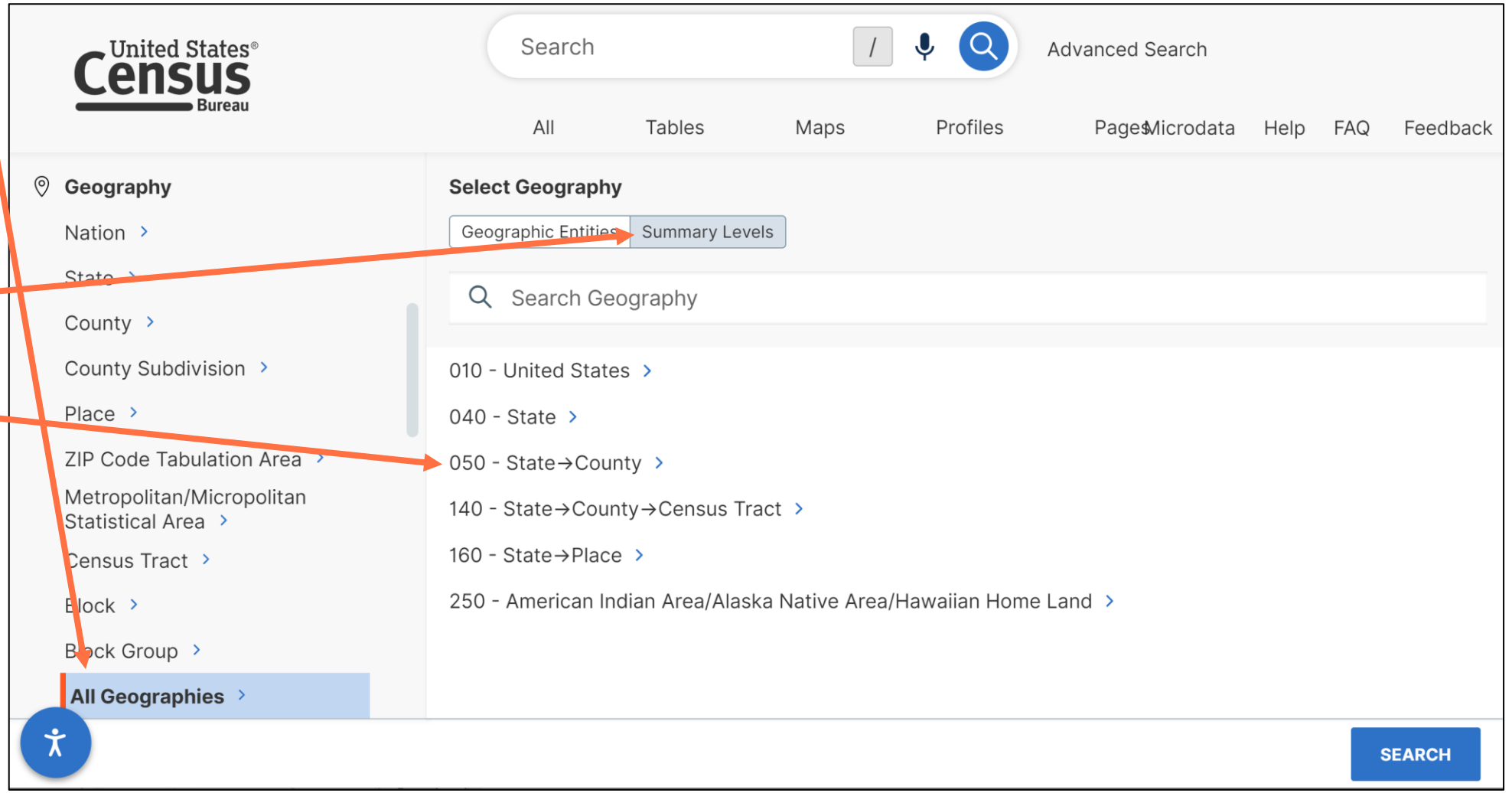




United States Census Bureau

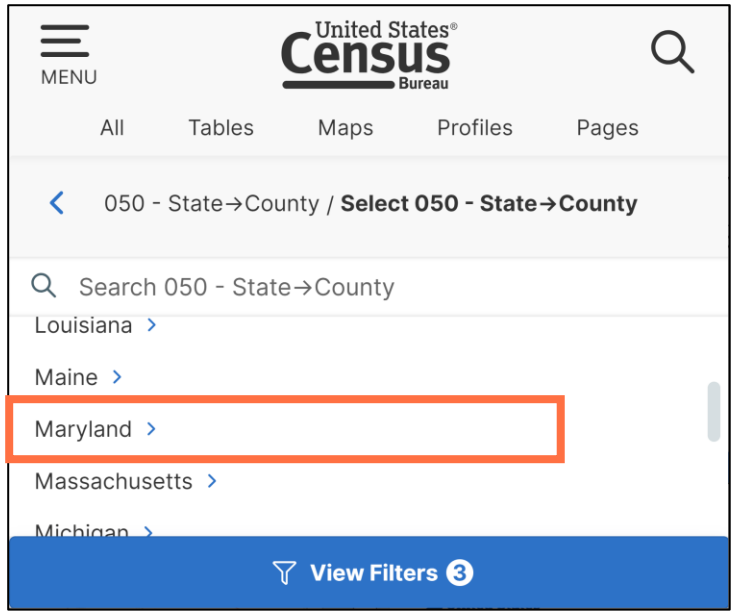
Select Geography

- Select **All Geographies** under the Geography heading
- Click the **Summary Levels** tab
- Click **050 – State → County**



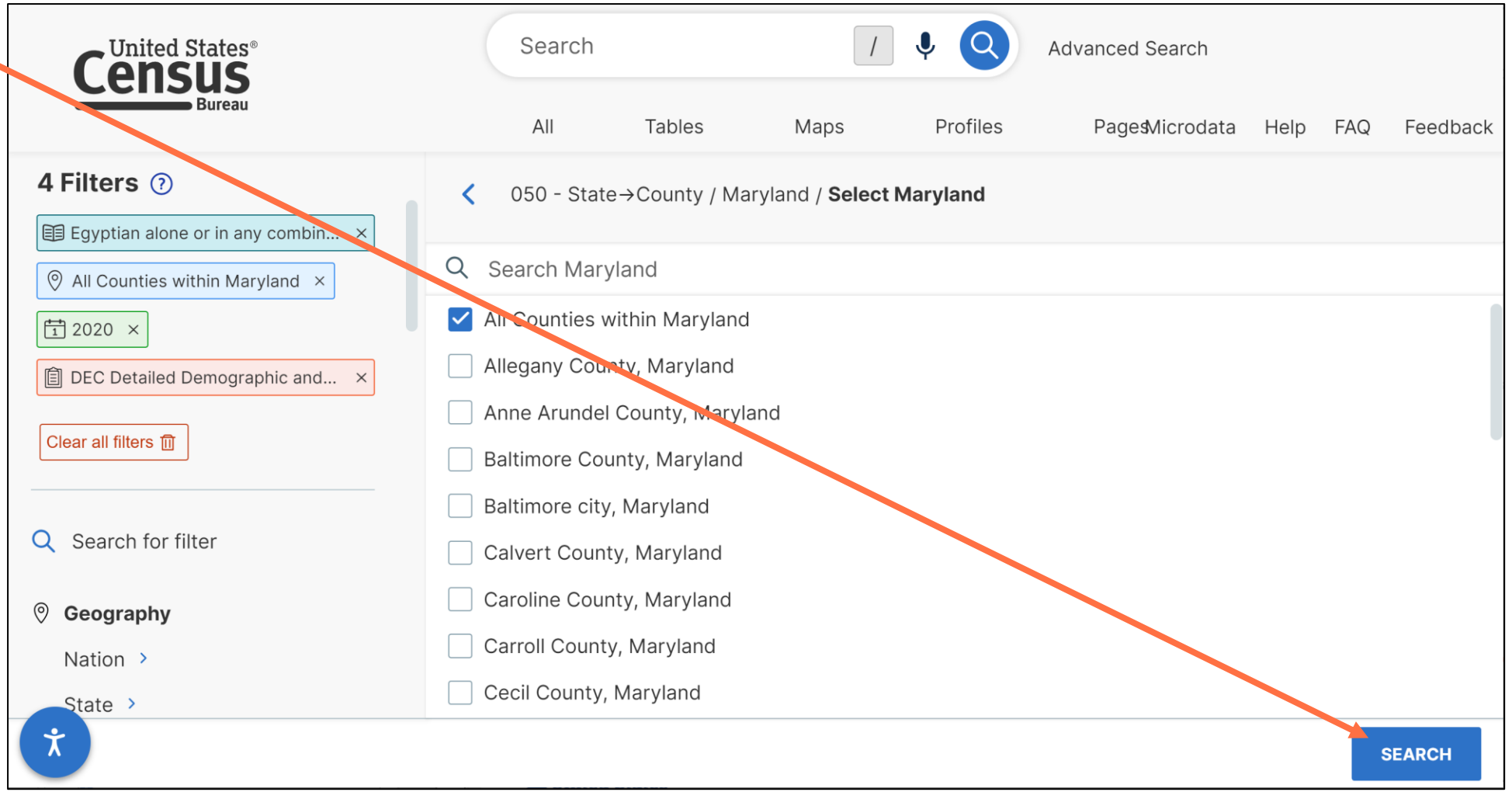
Select All Counties in Maryland

- Select Maryland → **All Counties within Maryland**



Run Search

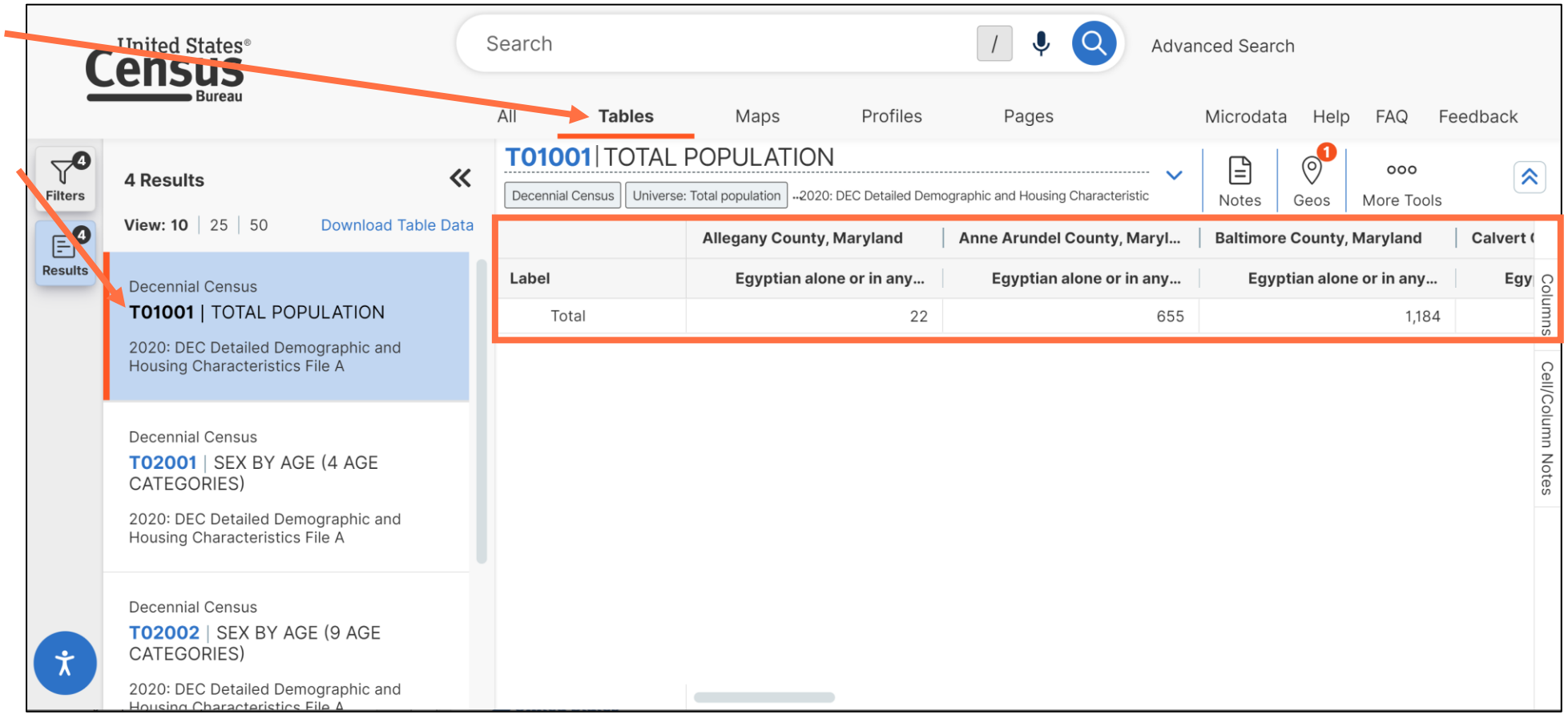
- Verify filters and click **Search**



United States® Census Bureau

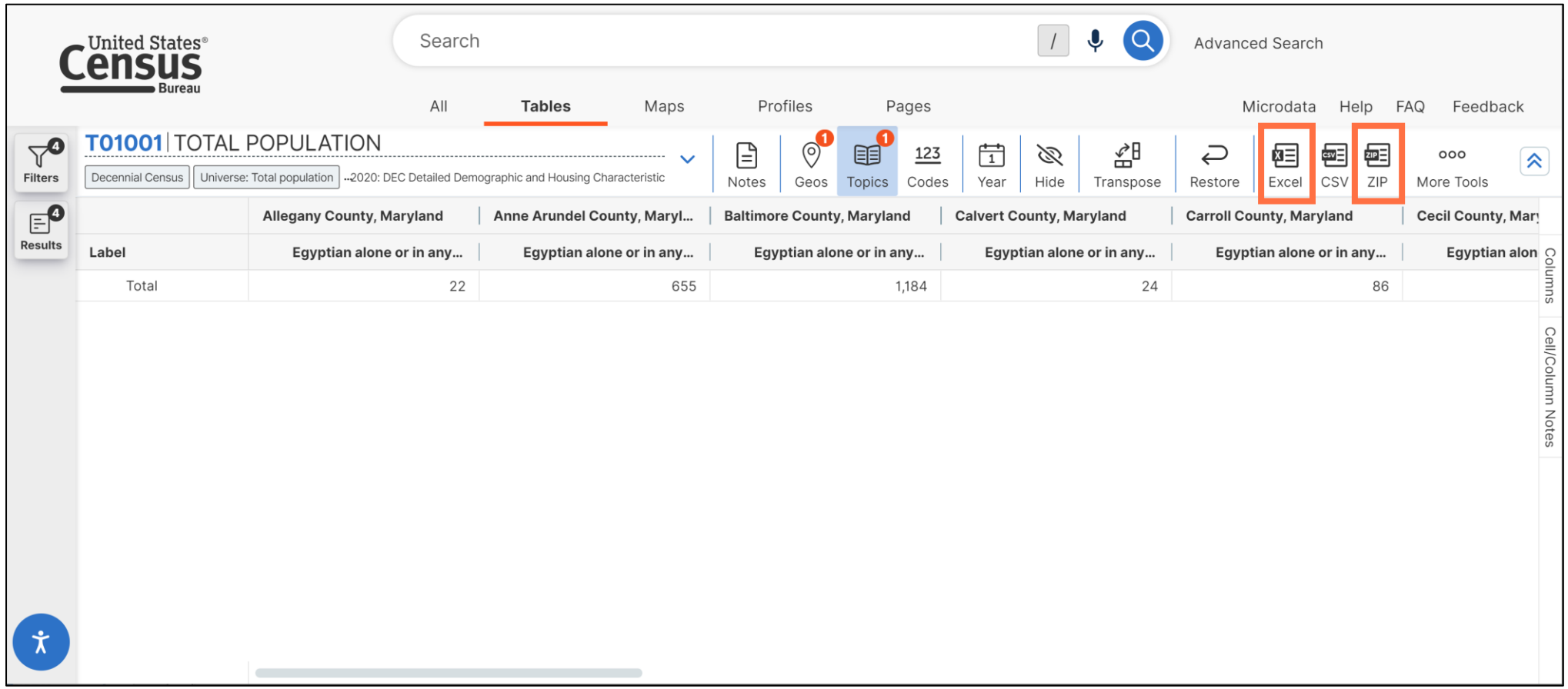
View Results: Total Population

- Click **Tables** at the top
- View **T01001 | Total Population.** This provides data for all counties in Maryland where there were at least 22 people who identified as Egyptian alone or in any combination



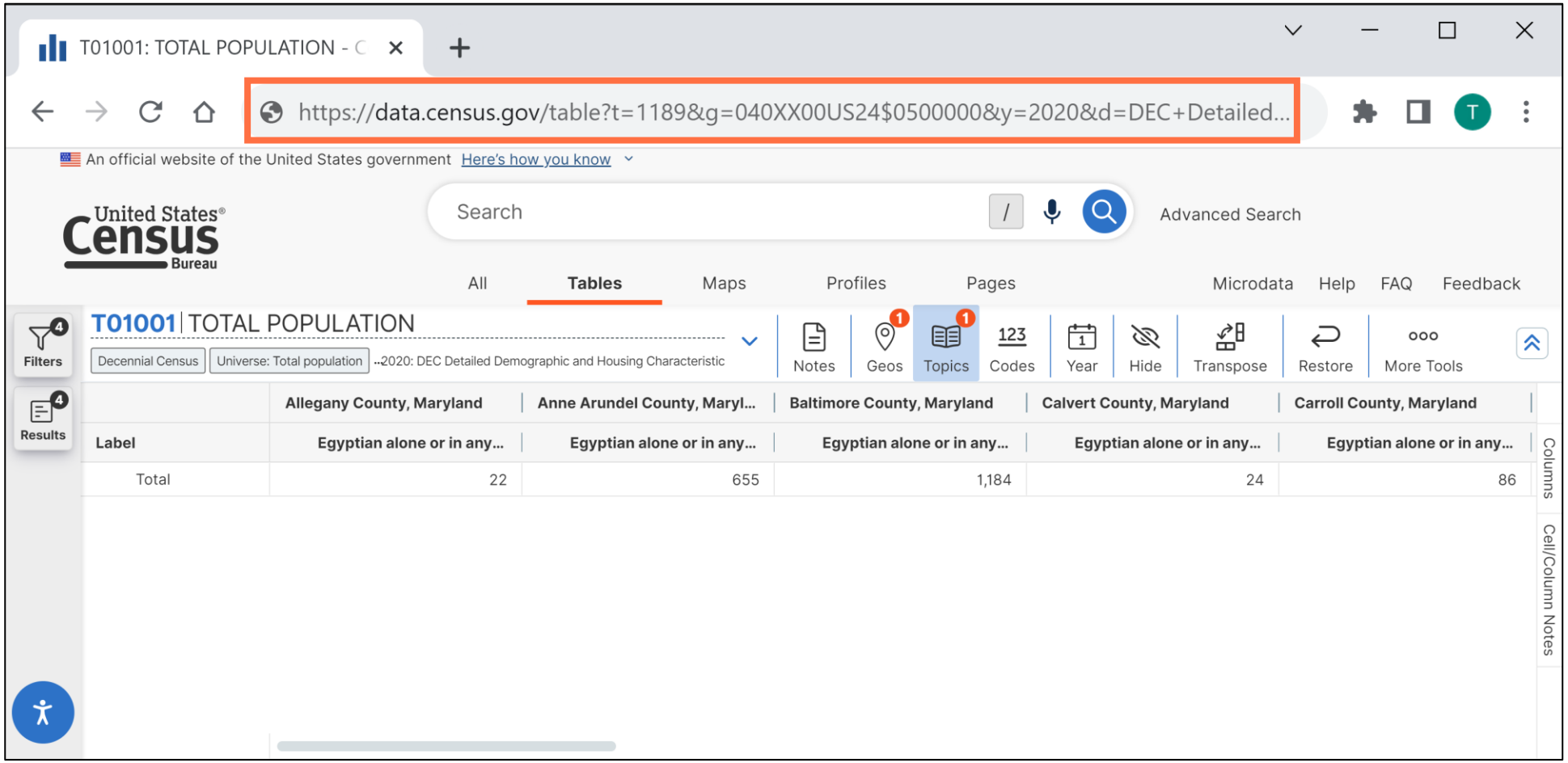
Download/Export Table

- Click the **Excel** button to get output that looks similar to the table display
- Click the **ZIP** button to get machine-readable output



Save URL

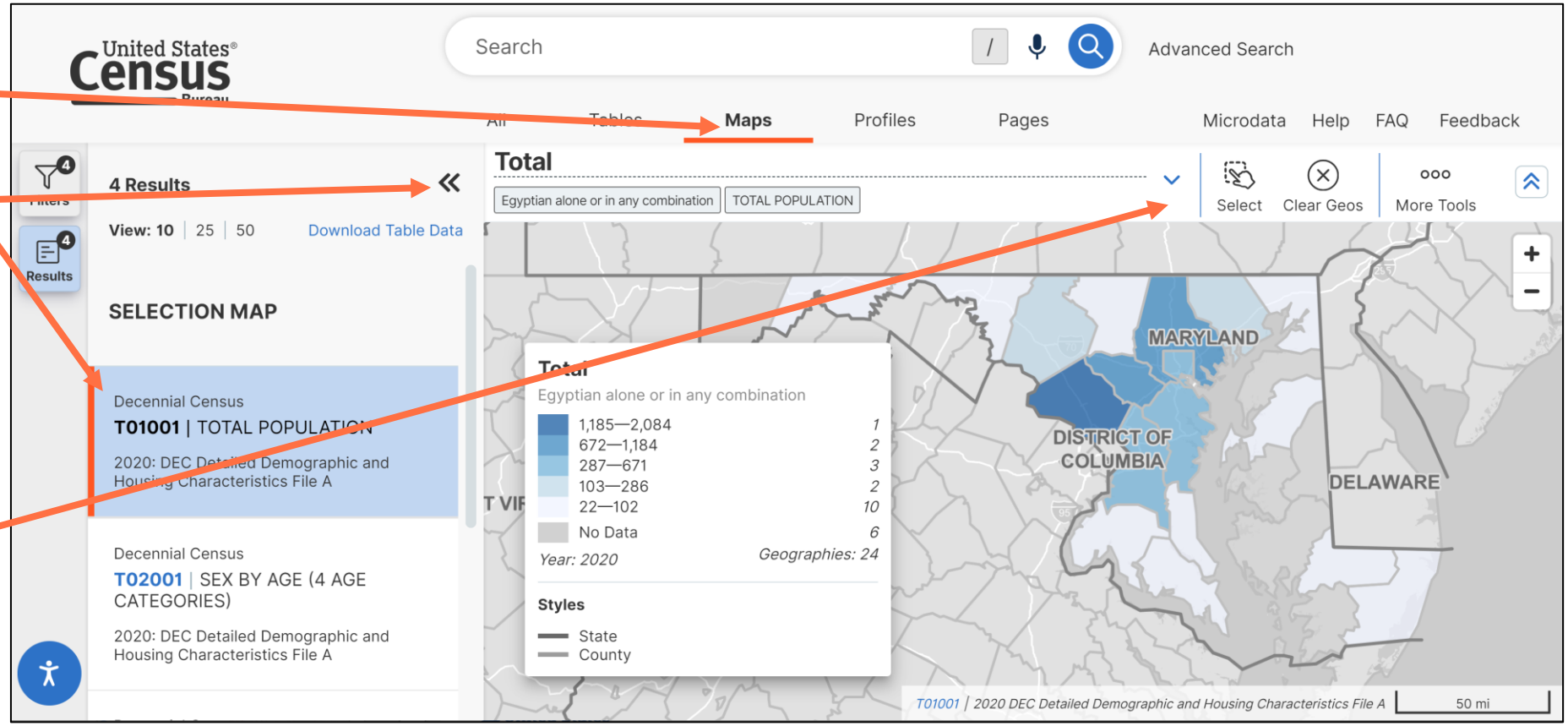
- Copy the URL in the address bar to return to the table or map later



Navigate to Map

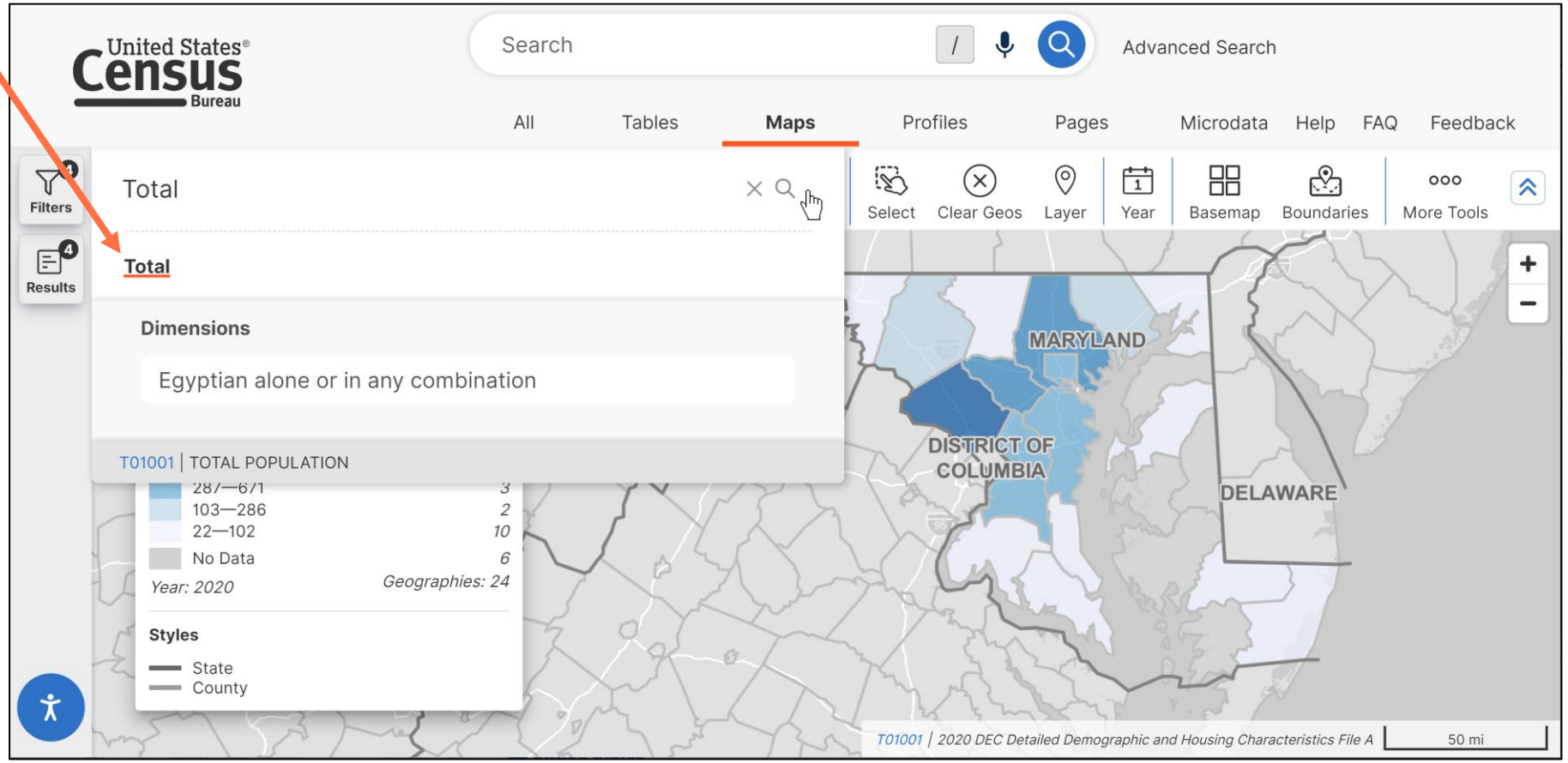
Navigate to the map tab

- Click **Maps** at the top
- Click the table that contains the data you want to map, and then close the results panel so you can see the map across your full screen
- Click the variables toolbar at the top of the map



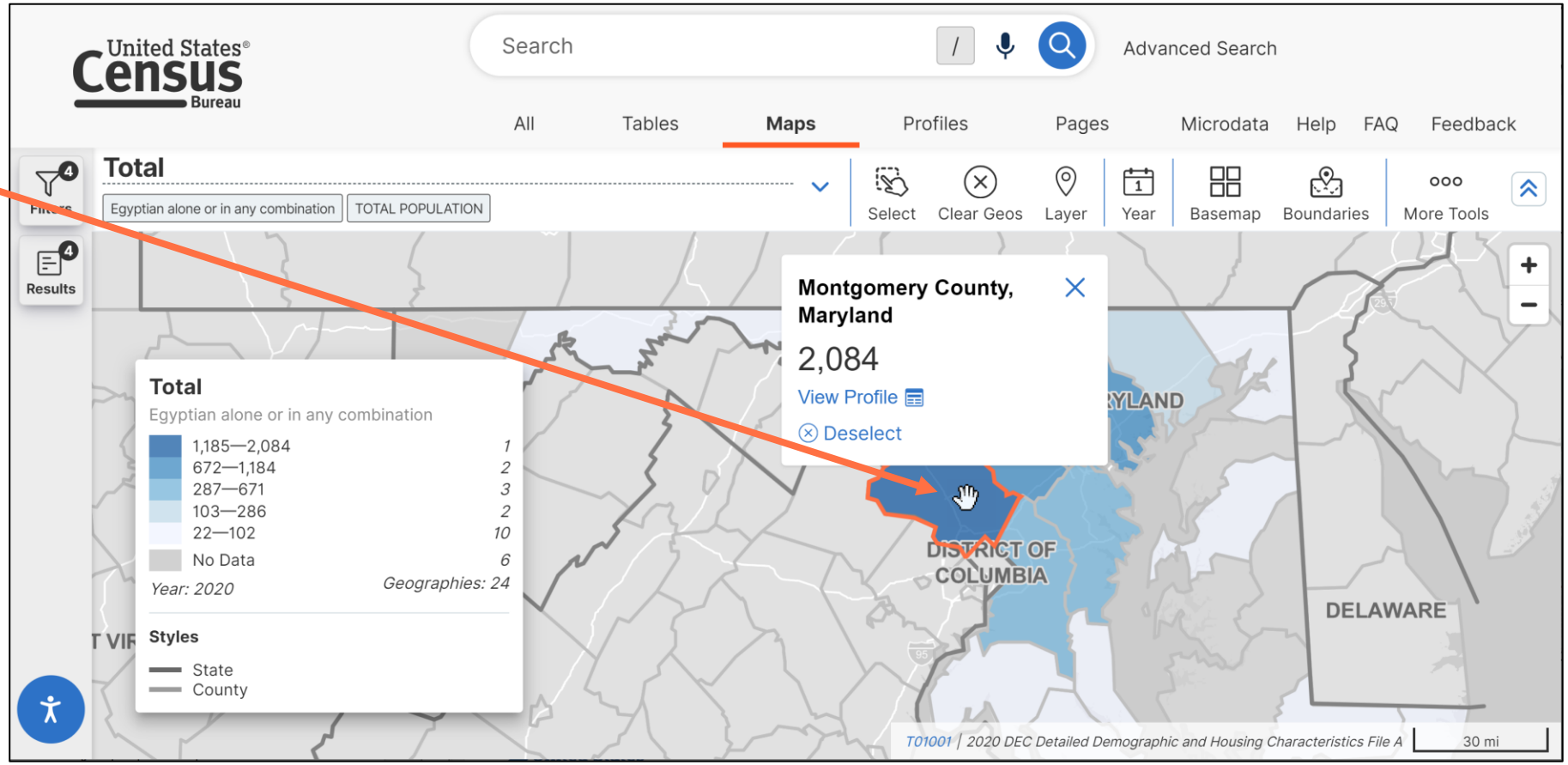
Select Data Variable

- Confirm selection is **Total**
- Confirm dimension is set to **Egyptian alone or in any combination**



View Map

- Click on the counties with the darkest shade of blue to see which areas have the highest Egyptian alone or in any combination population

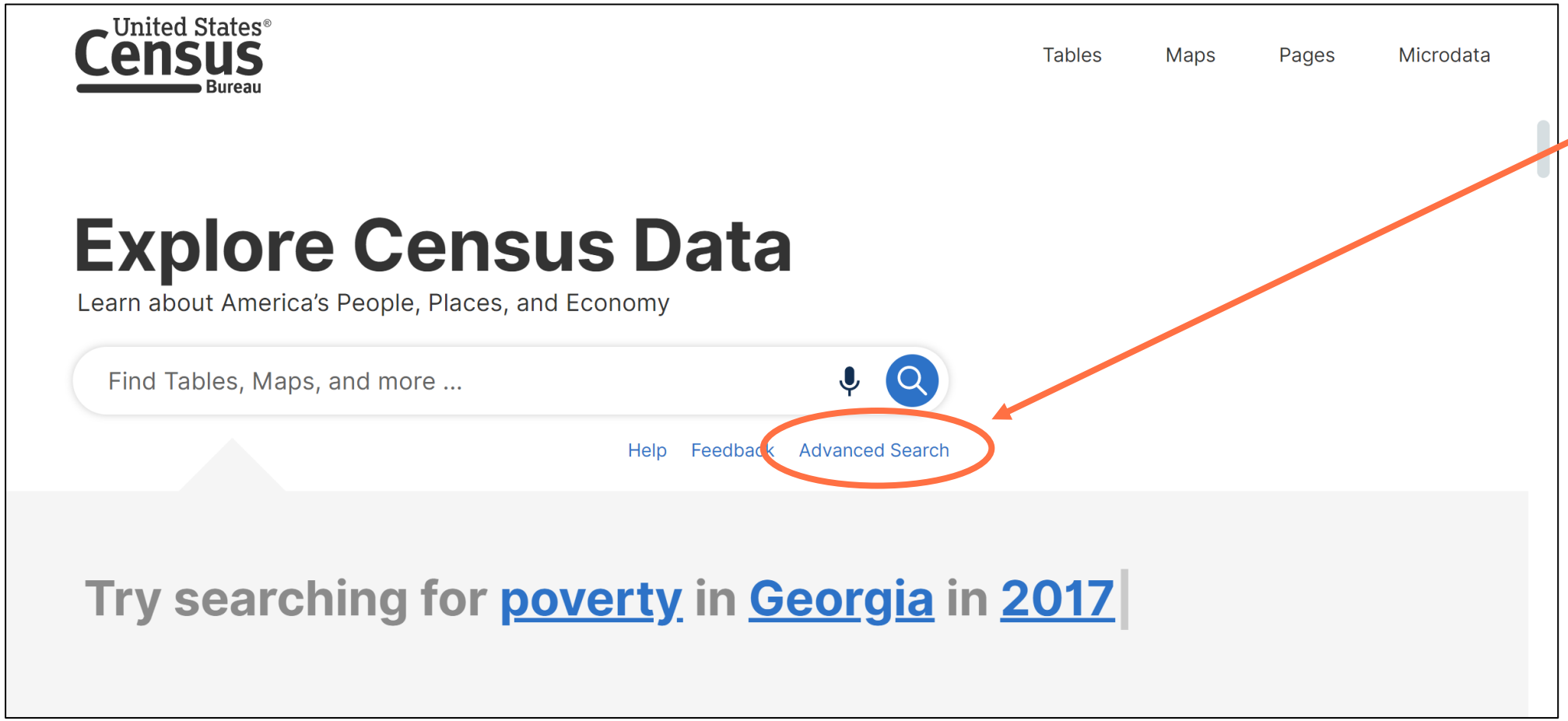


data.census.gov Demo

1. Getting Started with Detailed DHC-A Tables and Population Group Filters
   - Example: Detailed DHC-A Tables for the Tokelauan alone population in the United States
   - Example: Detailed DHC-A Tables for the Navajo Nation alone population in:
     - United States
     - Oklahoma
     - Navajo Nation Reservation and Off-Reservation Trust Land
2. Selecting Multiple Geographies
   - Example: Egyptian alone or in any combination population for all counties in Maryland
3. **Selecting Multiple Population Groups**
   - Example: Mexican and all Central American population groups in San Antonio, Texas

United States® Census Bureau

Open the Filter Panel

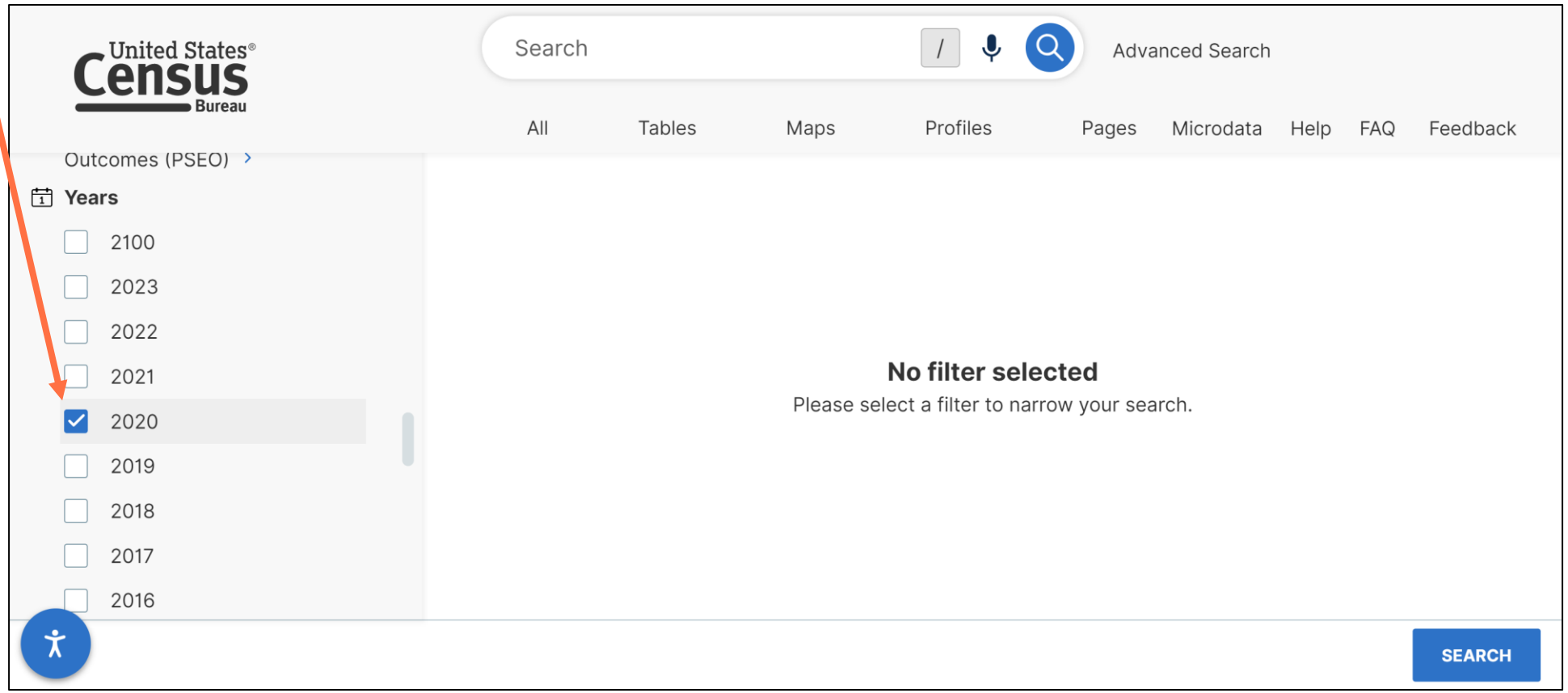


- Select **Advanced Search** to open the filter panel

United States® Census Bureau

Select Year: 2020

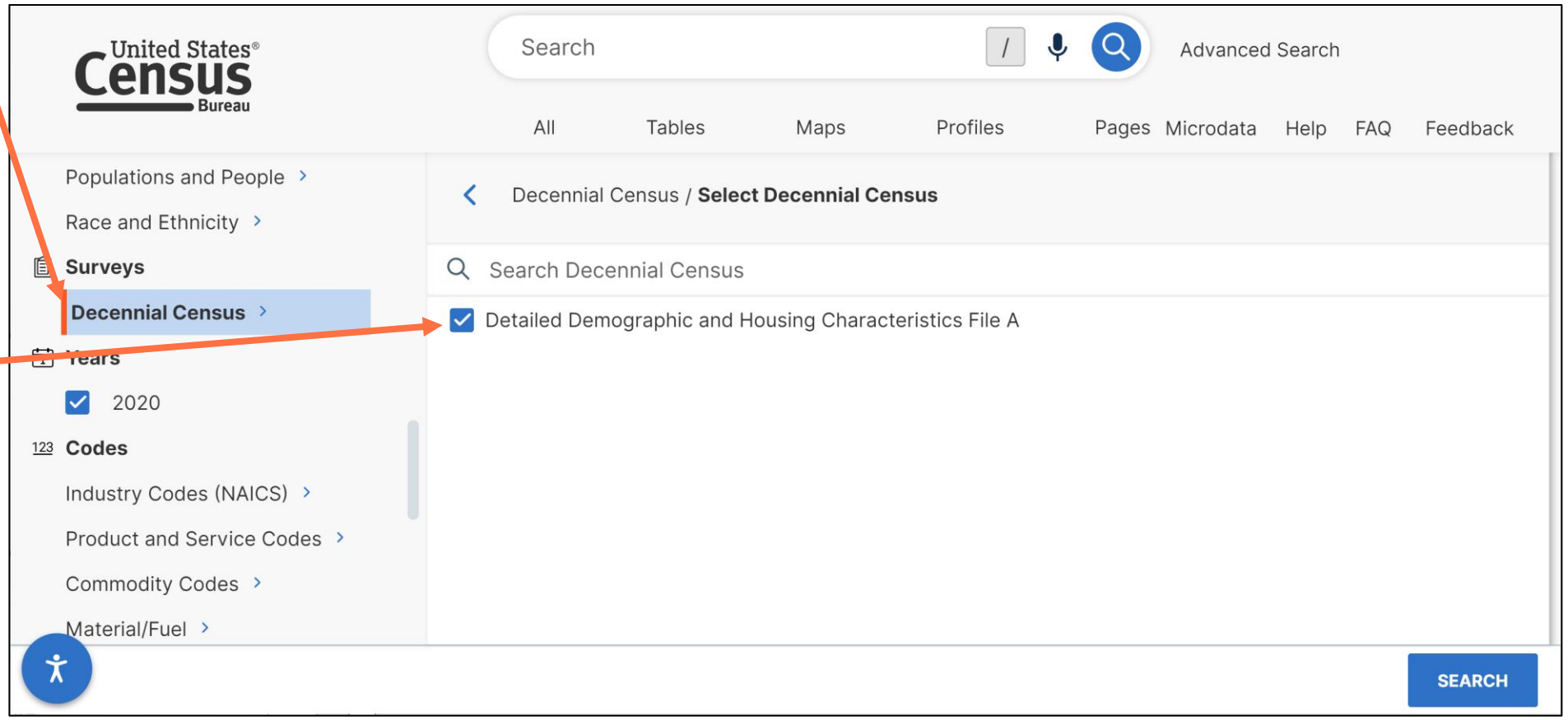
- Select **2020** under the Years heading



United States® Census Bureau

Select Survey: Detailed Demographic and Housing Characteristics File A

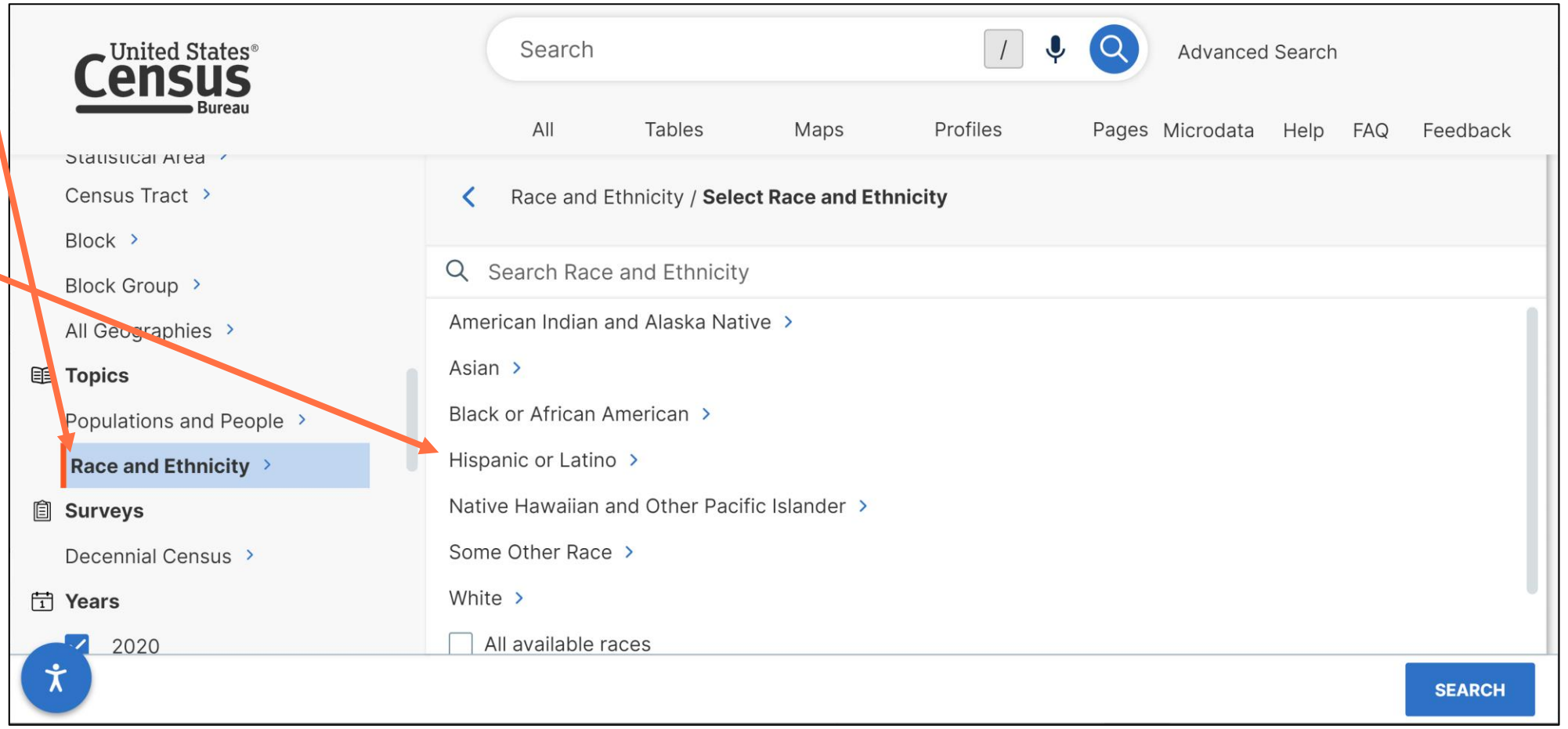
- Select **Decennial Census** under the Surveys heading
- Select **Detailed Demographic and Housing Characteristics File A**



United States Census Bureau

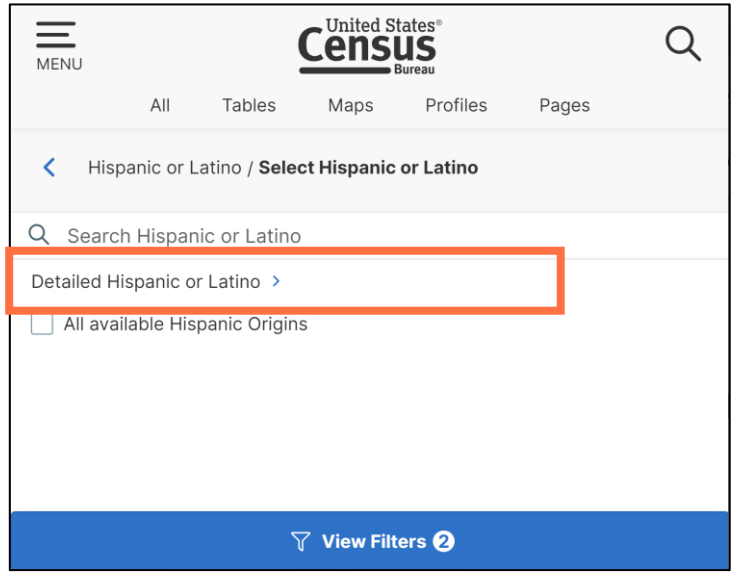
Select Topic

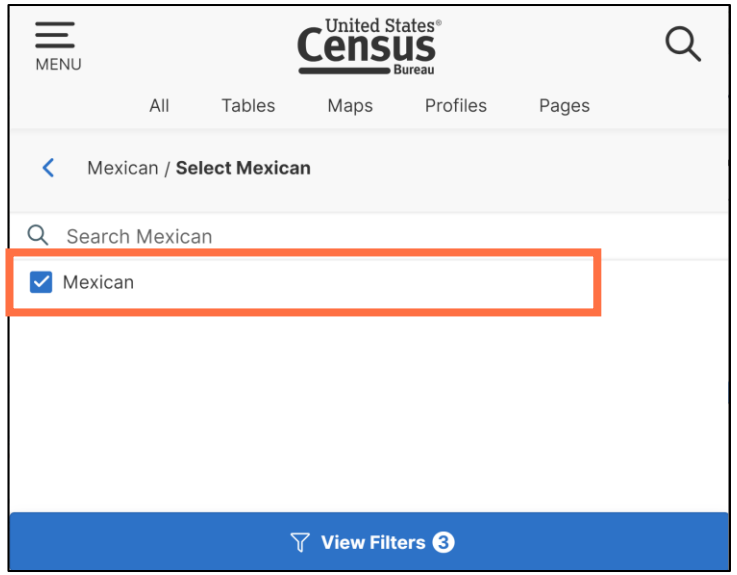
- Select **Race and Ethnicity** under the Topics heading
- Select **Hispanic or Latino**



Select Mexican

- Select Detailed Hispanic or Latino → Mexican → **Mexican**

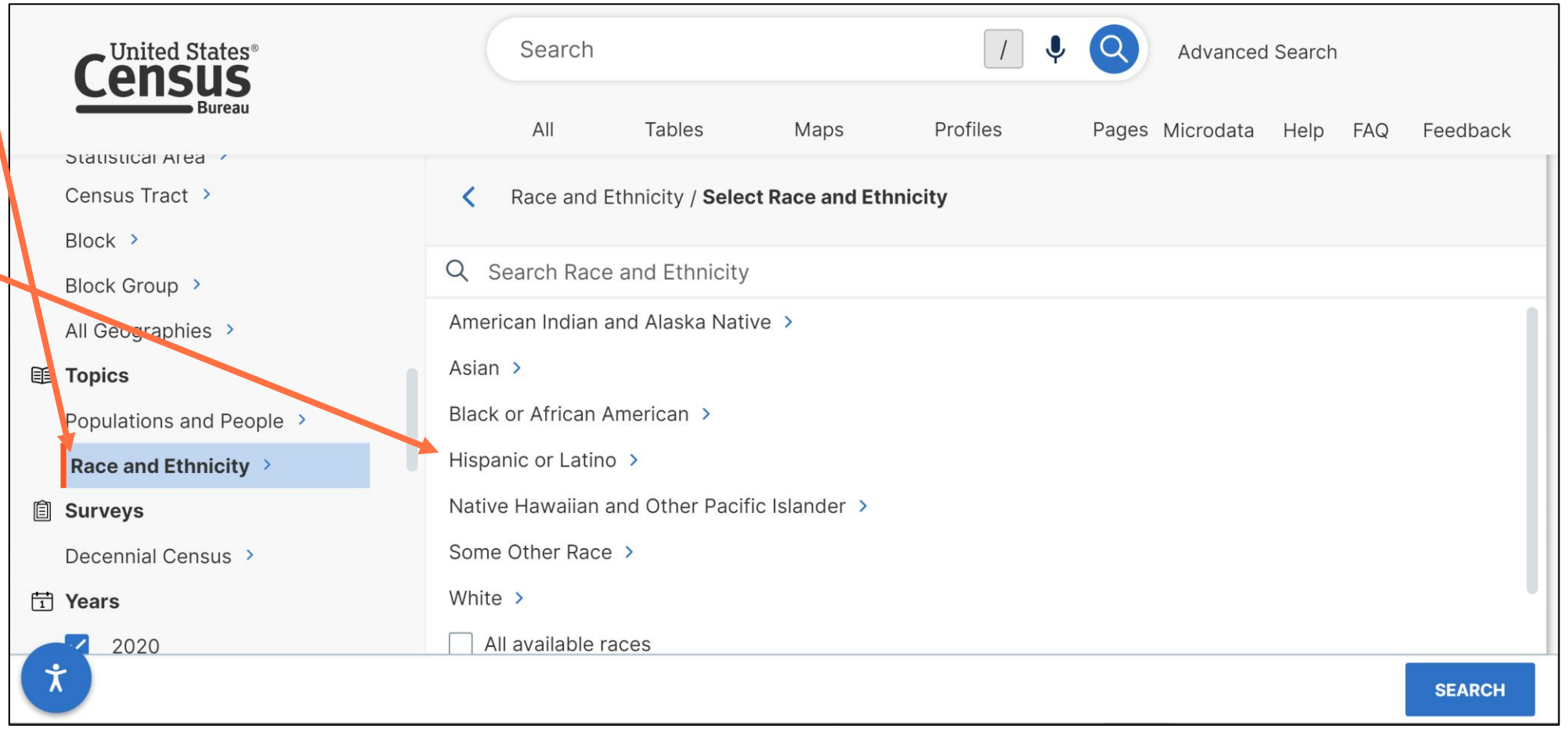




United States® Census Bureau

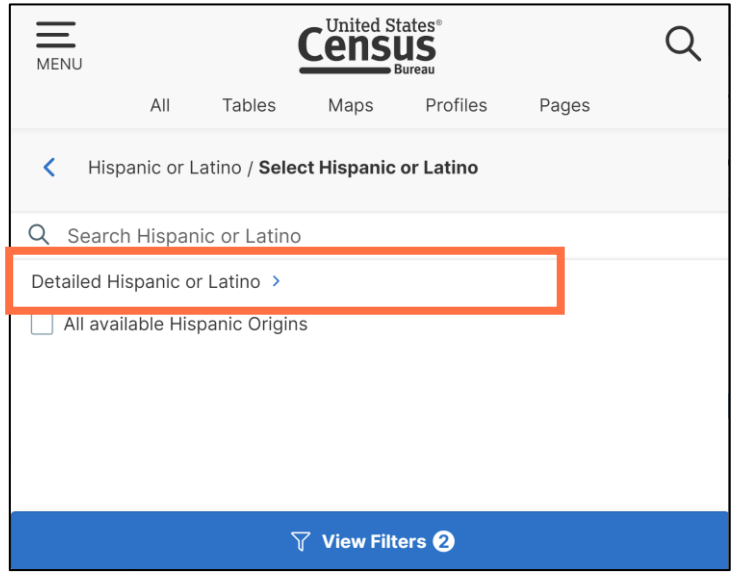
Select Topic

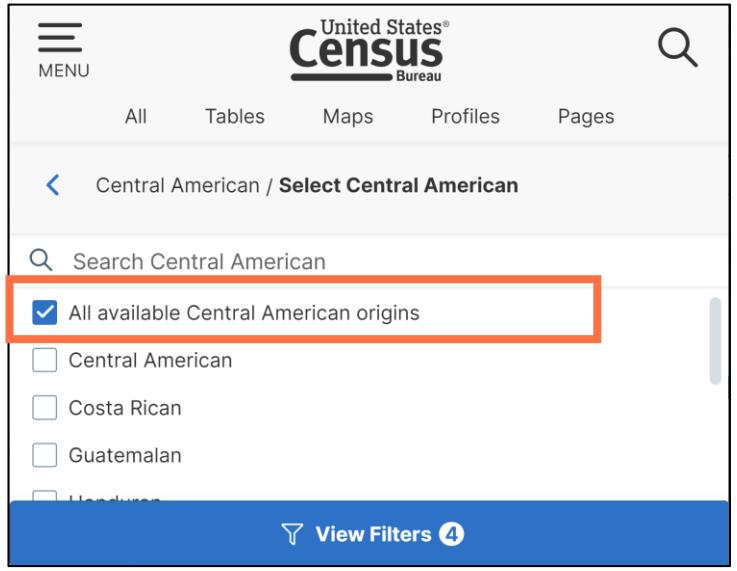
- Select **Race and Ethnicity** under the Topics heading
- Select **Hispanic or Latino**



Select All Available Central American Origins

- Select Detailed Hispanic or Latino → Central American → **All available Central American origins**

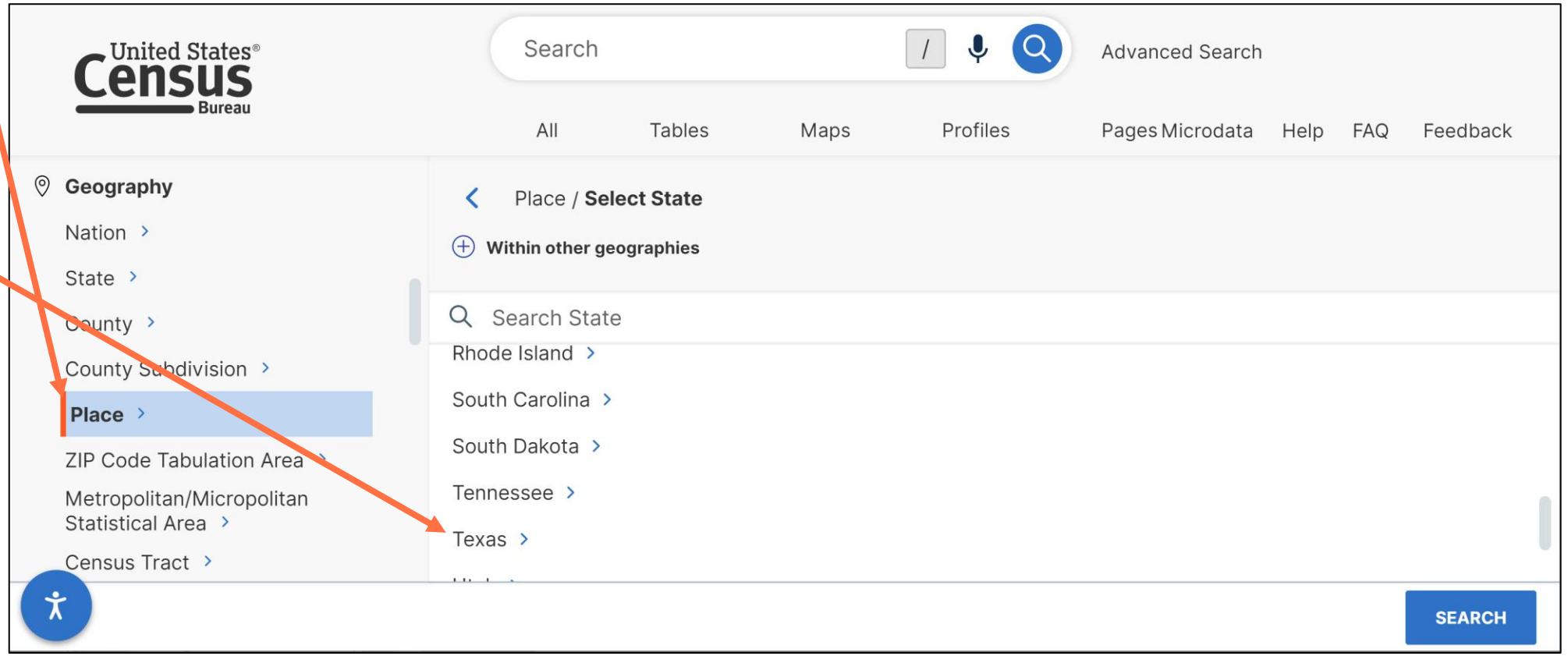




United States Census Bureau

Select Place

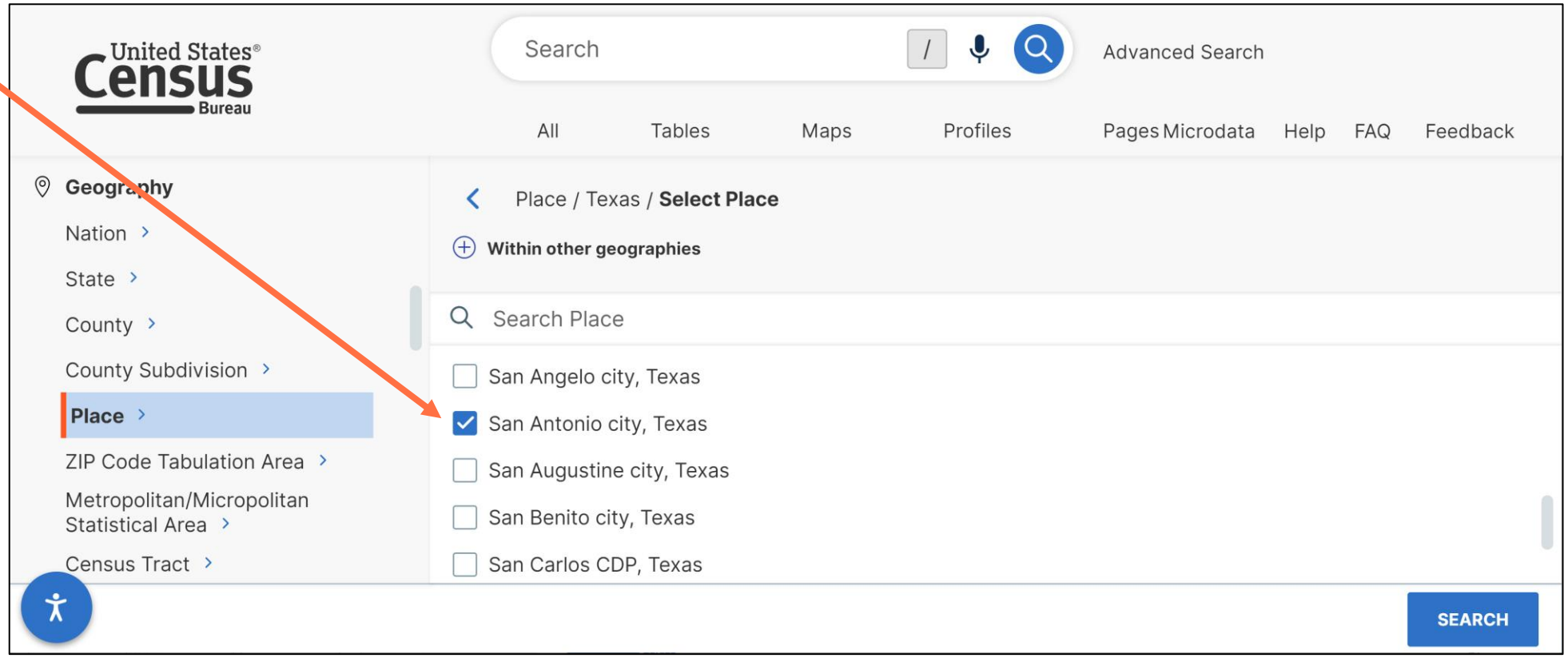
- Select **Place** under the Geography heading
- Select **Texas**



United States® Census Bureau

Select San Antonio, Texas

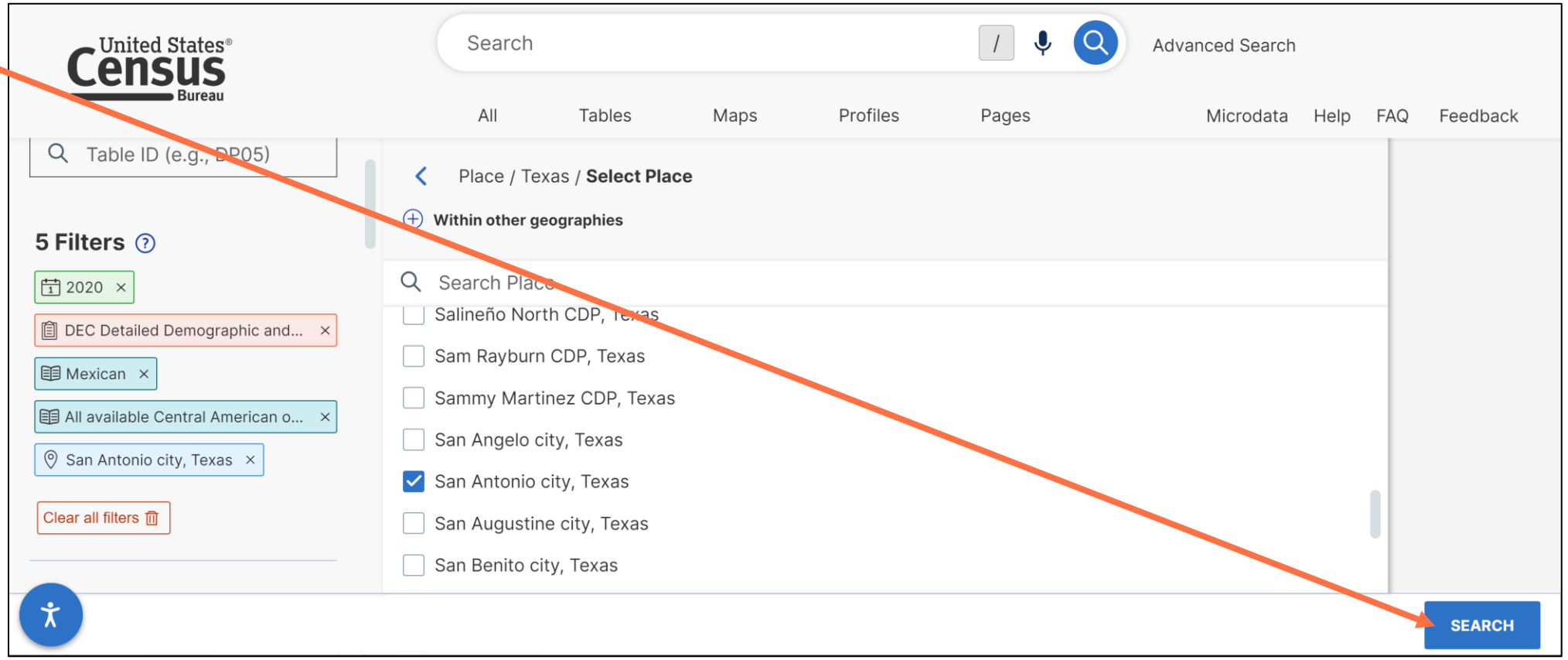
- Select **San Antonio city, Texas**



United States Census Bureau

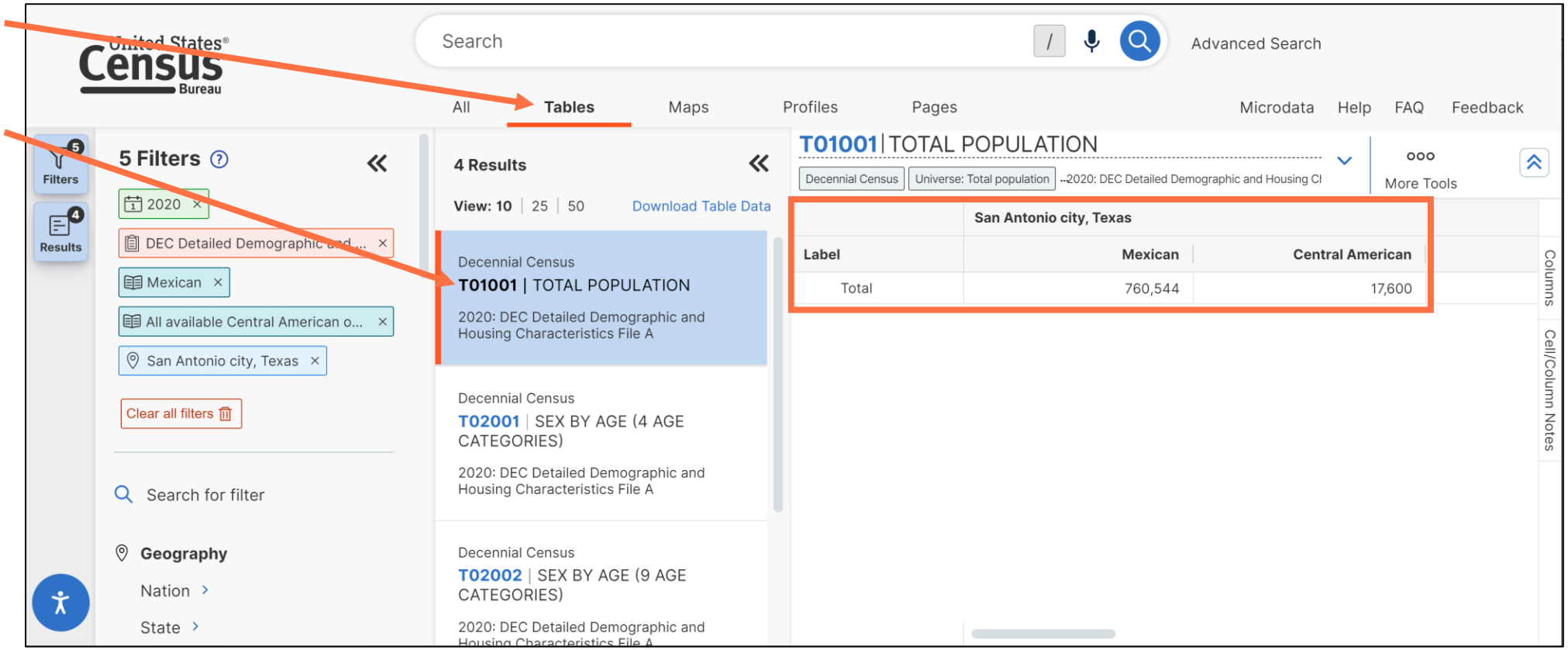
Run Search

- Verify filters and click **Search**



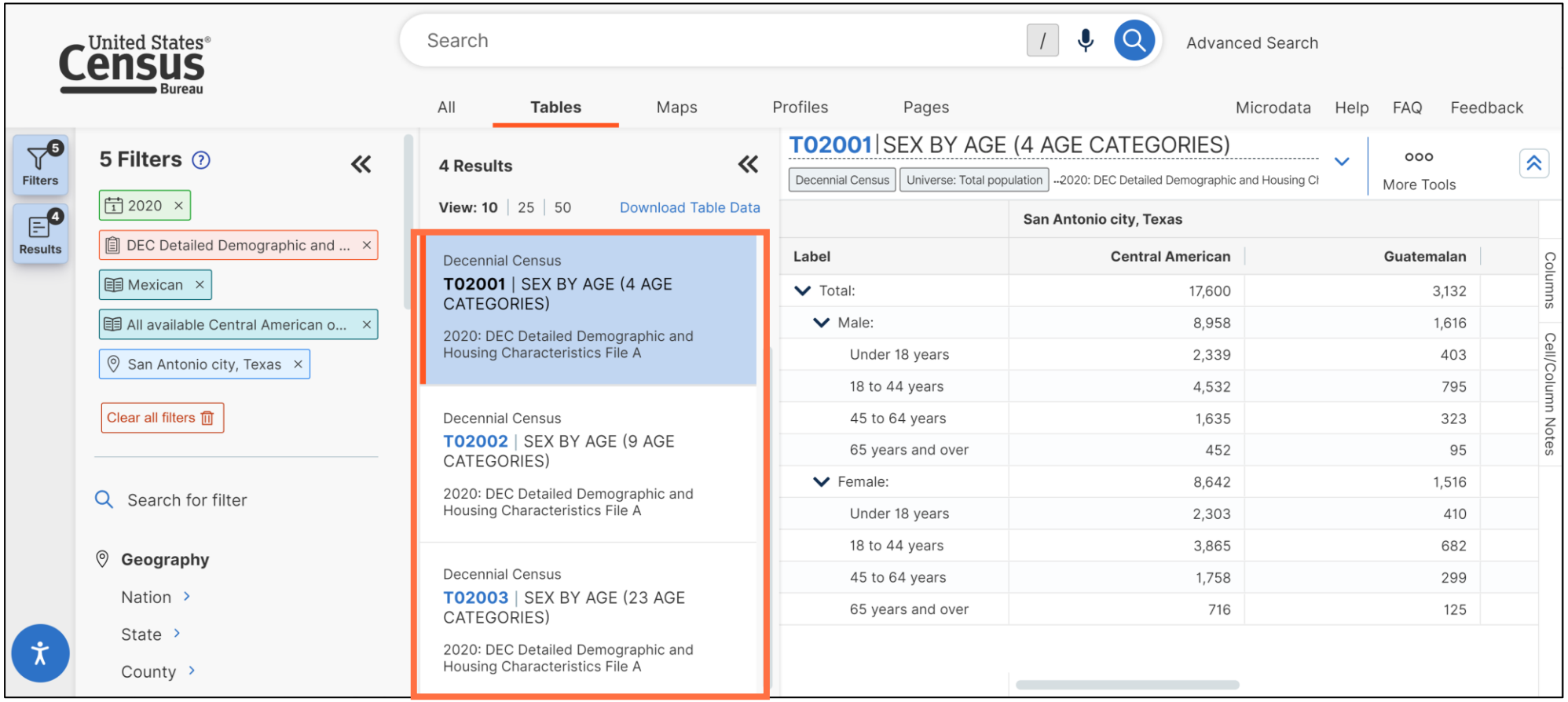
View Results: Total Population

- Click **Tables** at the top
- View **T01001 | Total Population**
- The table contains data for all selected detailed groups with at least 22 people in San Antonio, and regional groups with at least 94 people



View Results: Age and Sex

- Each population group may appear in one of the three sex by age tables based on population thresholds for the group in San Antonio



Regional Group Thresholds

- Also available: Regional race and ethnicity groups, such as European, Middle Eastern or North African, Caribbean, Sub-Saharan African, American Indian, Polynesian, South American, etc.

Level of Detail	Regional groups	
	Nation and State	Substate
Total count only	0–4,999	94–4,999
Sex-by-age table – 4 age categories	5,000–19,999	5,000–19,999
Sex-by-age table – 9 age categories	20,000–149,999	20,000–149,999
Sex-by-age table – 23 age categories	150,000+	150,000+

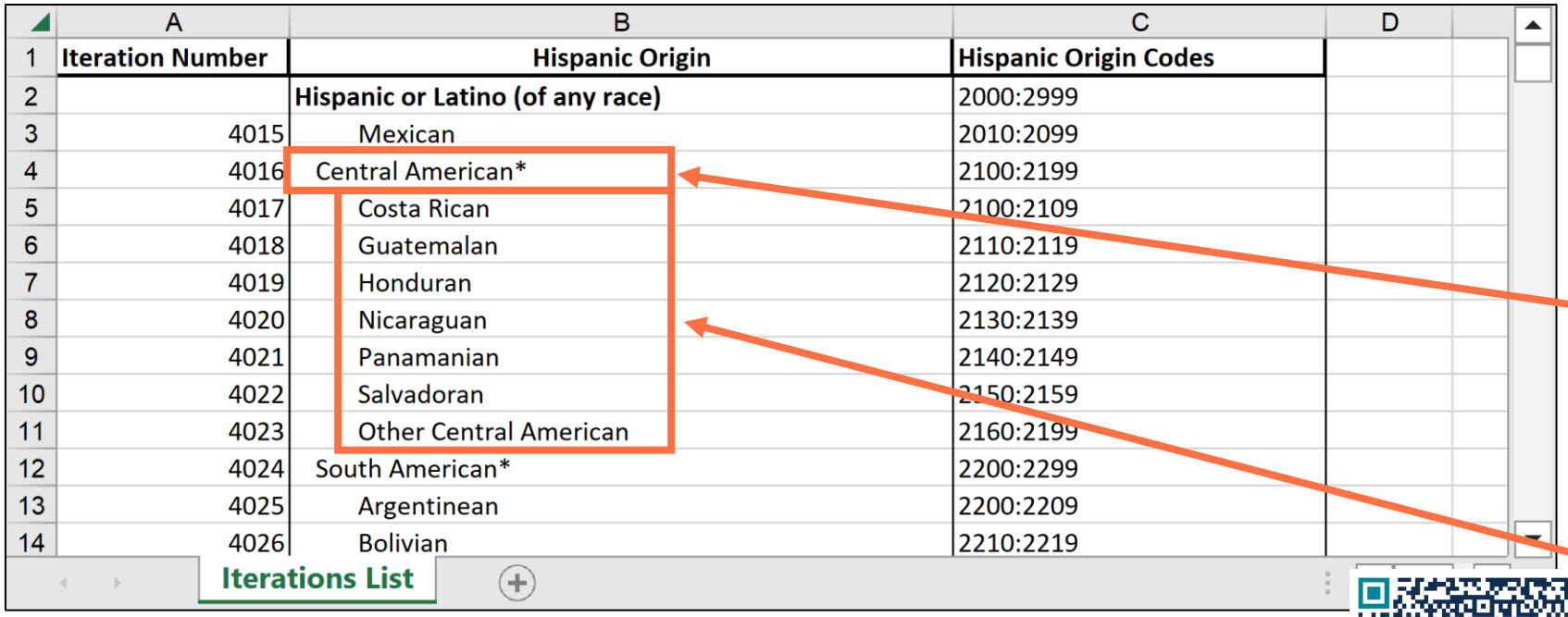
Notes:

- Groups are assigned the sex-by-age table that corresponds to their total population count 99.9% of the time.
- Regional groups are not available for AIANNH areas except when postprocessing was applied.
- Substate includes county, place, and census tract.

Source: U.S. Census Bureau

United States® Census Bureau

Iterations List: Regional and Detailed Groups



	A	B	C	D
1	Iteration Number	Hispanic Origin	Hispanic Origin Codes	
2		Hispanic or Latino (of any race)	2000:2999	
3	4015	Mexican	2010:2099	
4	4016	Central American*	2100:2199	
5	4017	Costa Rican	2100:2109	
6	4018	Guatemalan	2110:2119	
7	4019	Honduran	2120:2129	
8	4020	Nicaraguan	2130:2139	
9	4021	Panamanian	2140:2149	
10	4022	Salvadoran	2150:2159	
11	4023	Other Central American	2160:2199	
12	4024	South American*	2200:2299	
13	4025	Argentinean	2200:2209	
14	4026	Bolivian	2210:2219	

Iterations List

https://www2.census.gov/programs-surveys/decennial/2020/technical-documentation/complete-tech-docs/detailed-demographic-and-housing-characteristics-file-a/2020-census-hispanic-origin-and-race-iterations-list.xlsx

- Iterations list provides a listing of population groups
- Regional groups are shown with an asterisk
- Detailed groups are shown without asterisks or boldface

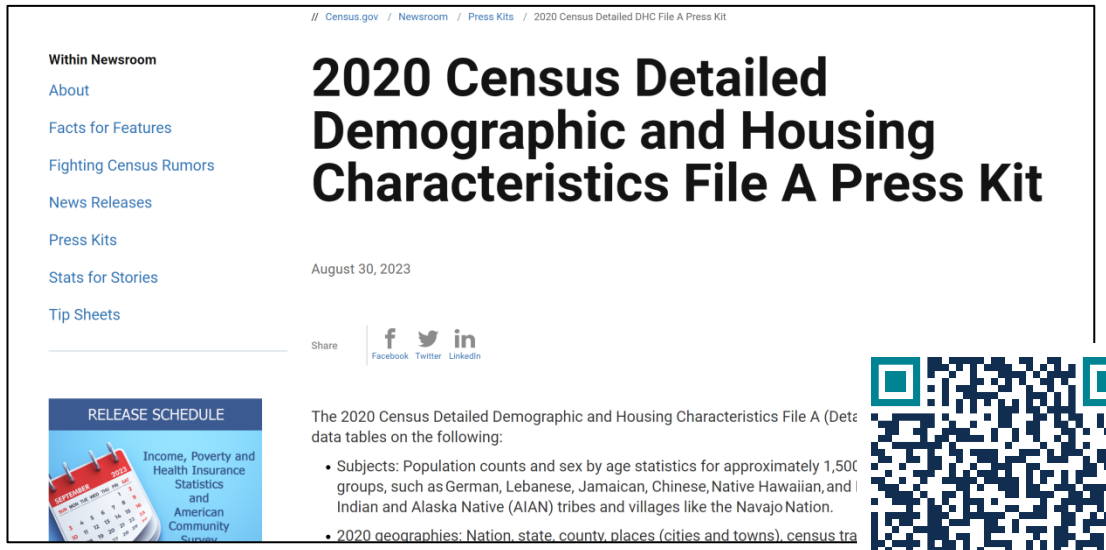
United States® Census Bureau

Outline

- data.census.gov Demo
- **Resources for Learning More**
- Questions

United States® Census Bureau

Where Can I Learn More About 2020 Census Detailed DHC-A?



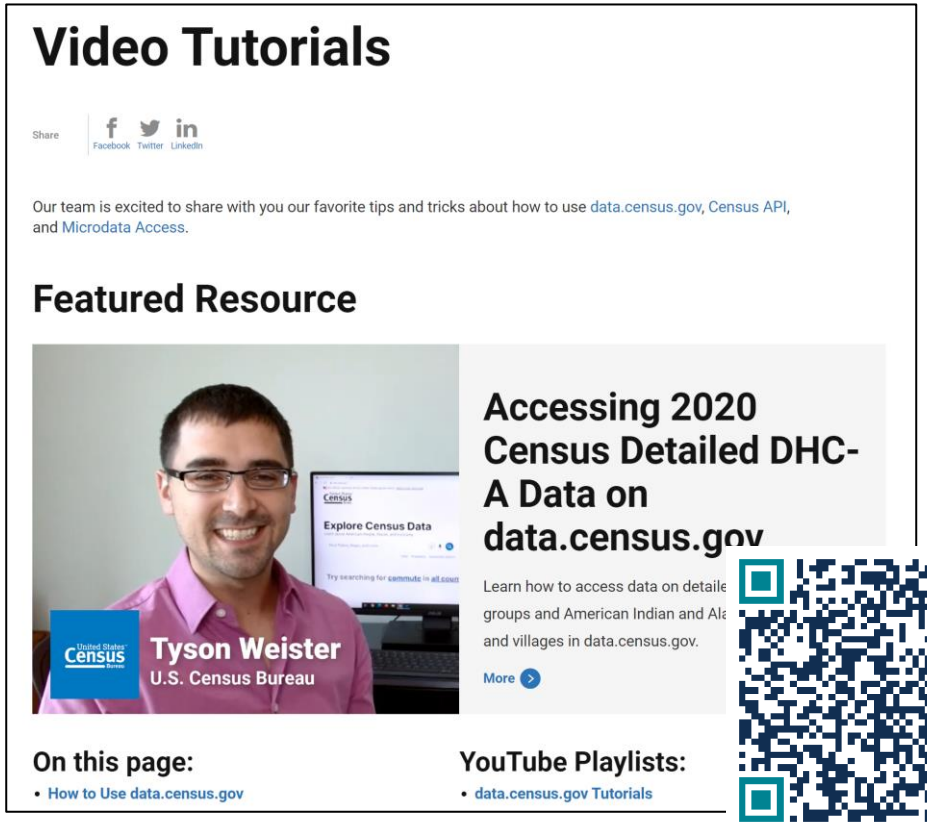
census.gov/newsroom/press-kits/2023/2020-detailed-dhc-file-a.html

Includes:

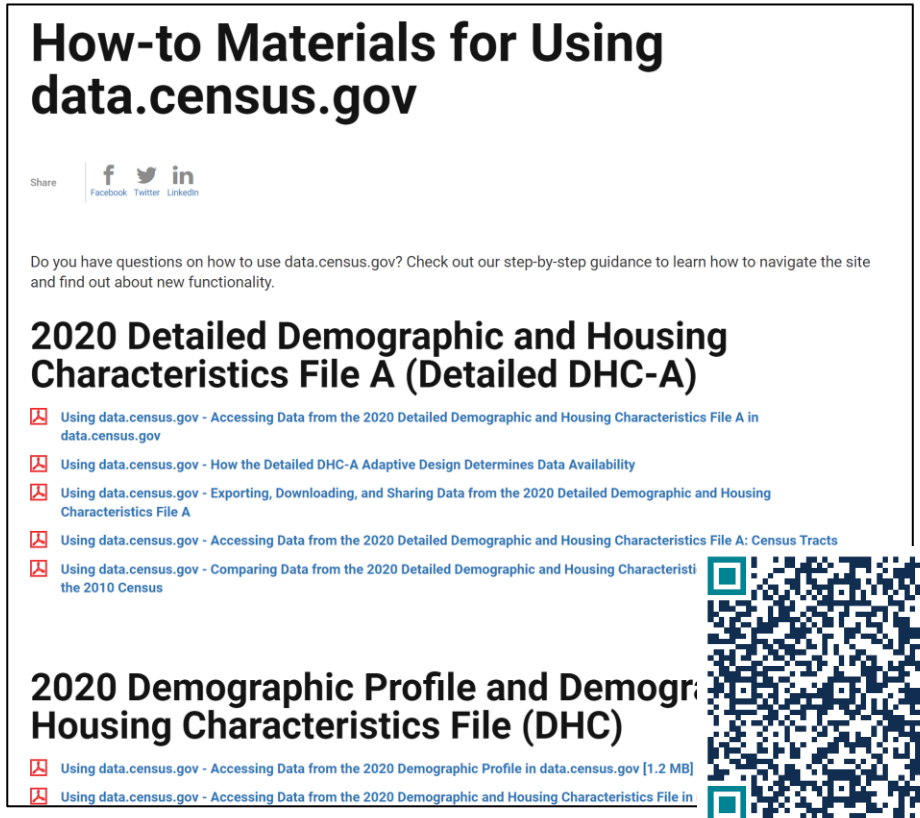
- America Counts Stories and Blogs
- Pre-Release Webinar Recording
- Technical Documentation
- Iteration/Code Lists and Crosswalks
- How-To Materials
- Related Helpful Links

United States® Census Bureau

How Can I Learn More About Accessing 2020 Census Detailed DHC-A Data on data.census.gov?



census.gov/data/what-is-data-census-gov/guidance-for-data-users/video-tutorials.html



census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-data-census-gov.html

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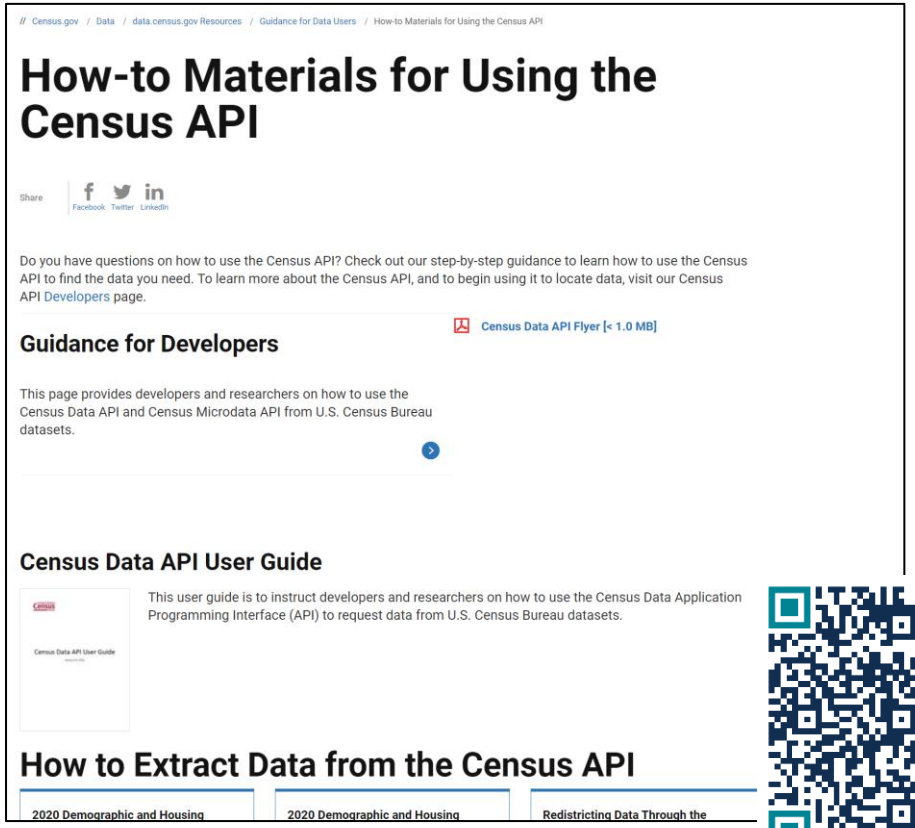
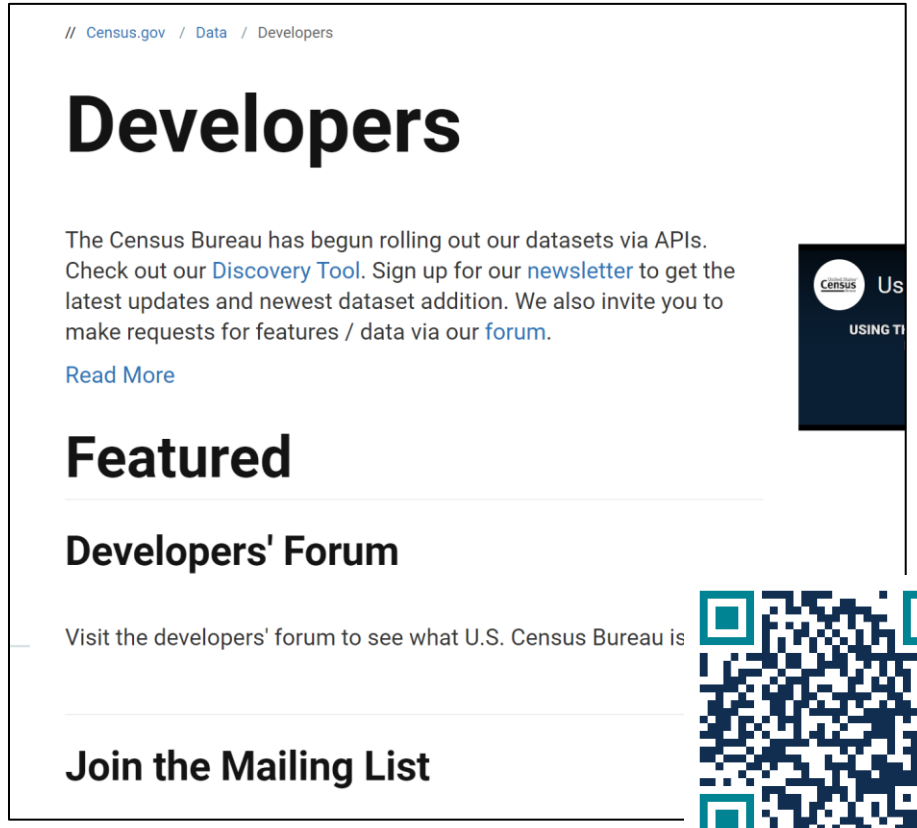
How Can I Access 2020 Census Data through the API?



census.gov/data/what-is-data-census-gov/guidance-for-data-users/how-to-materials-for-using-the-census-api.html



census.gov/data/developers.html

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data.census.gov Email Updates

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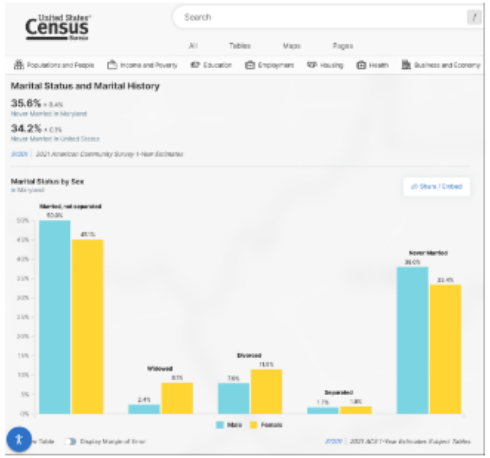
Data.census.gov Newsletter – May 2023



What's New?

In April, we released new updates to improve your experience on data.census.gov. With this release, you will now see:

- New bar charts added to the Marital Status and Marital History section of the Geography Profiles
- New buttons for "Dataset" and "Year"

COMING IN MAY:

Webinar

Accessing 2020 Decennial Census Demographic and Housing Characteristics Data Using data.census.gov

Date to Be Announced

For anyone who is interested in accessing the newly released 2020 Decennial Census Demographic and Housing Characteristics tables and Demographic Profile, we bring you this webinar. Join us for this session where we will take participants through data.census.gov to easily find 2020 Census demographic and housing characteristic data, including finding

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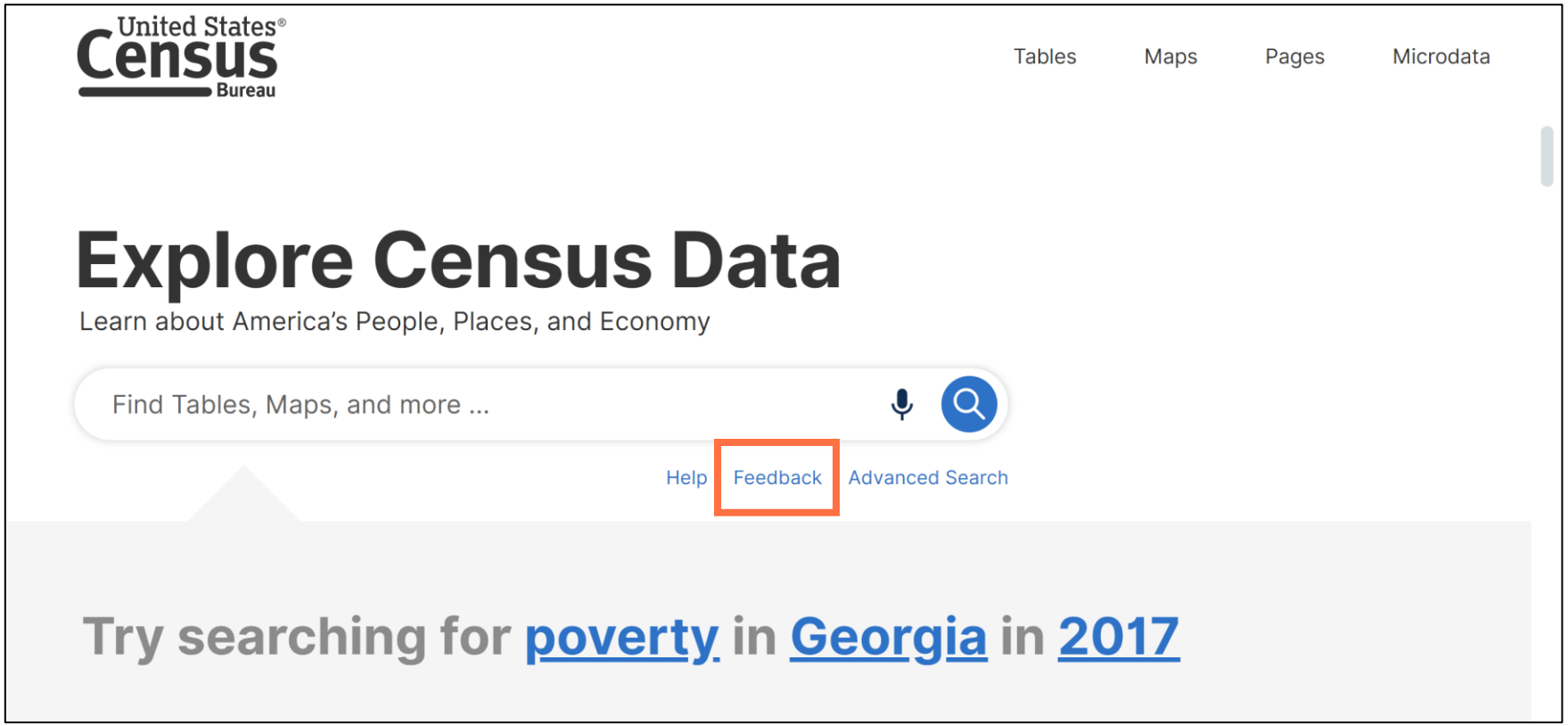
Our Development Depends on YOUR Feedback



Check out data.census.gov and provide comments at census.data@census.gov

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Webinar Evaluation

https://questionweb.com/59212/

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Questions

Media:

Public Information Office

U.S. Census Bureau

pio@census.gov

301-763-3030

Public:

Center for Enterprise Dissemination

U.S. Census Bureau

Data.census.gov Questions: census.data@census.gov

Training Requests: ced.cedsci.outreach@census.gov

2020 Census Data Product Questions:

2020.census.paperwork@census.gov

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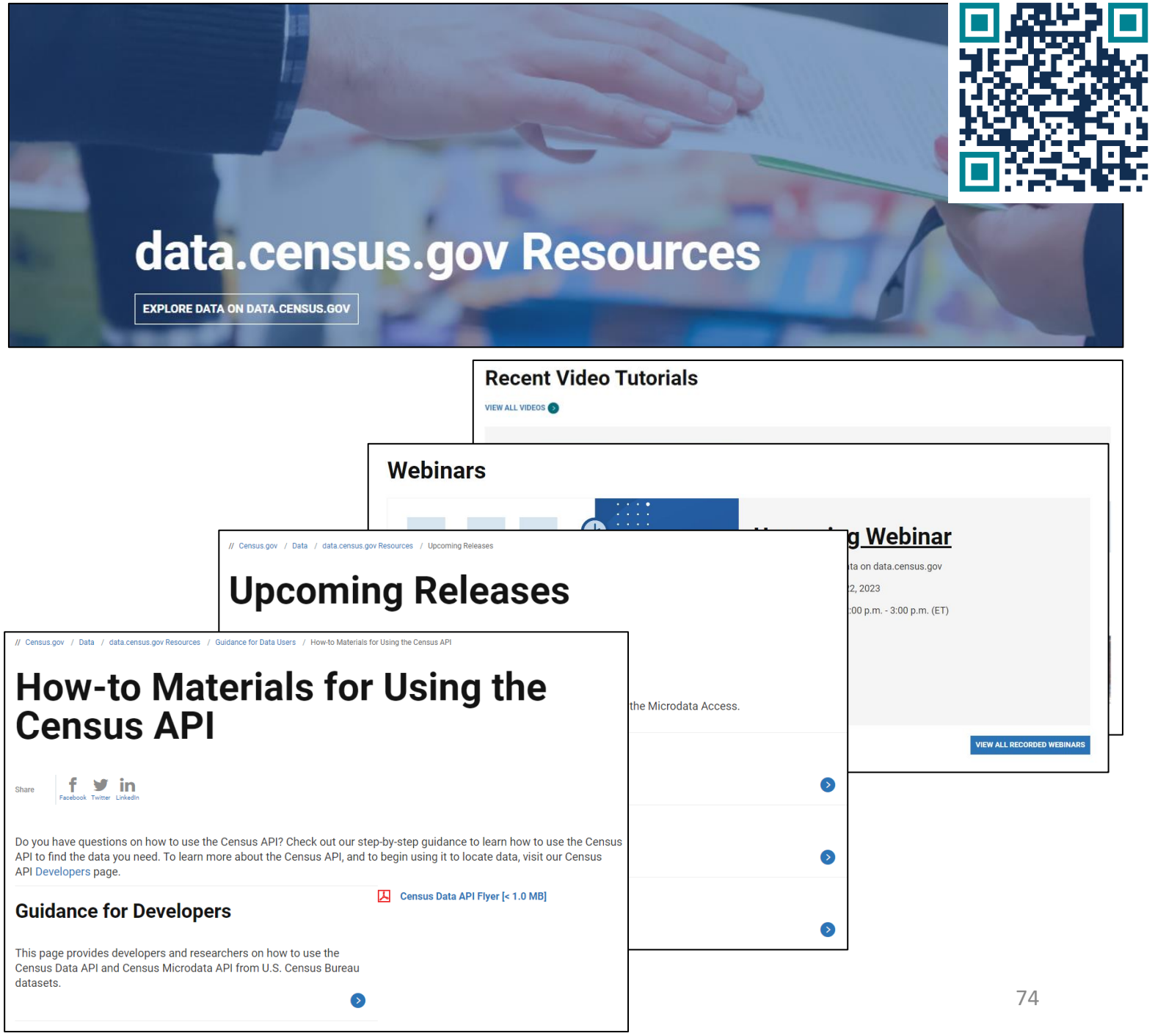
data.census.gov Resources Page:
census.gov/data/what-is-data-census-gov.html

Feedback: Email comments to
census.data@census.gov

data.census.gov Training Requests:
ced.cedsci.outreach@census.gov



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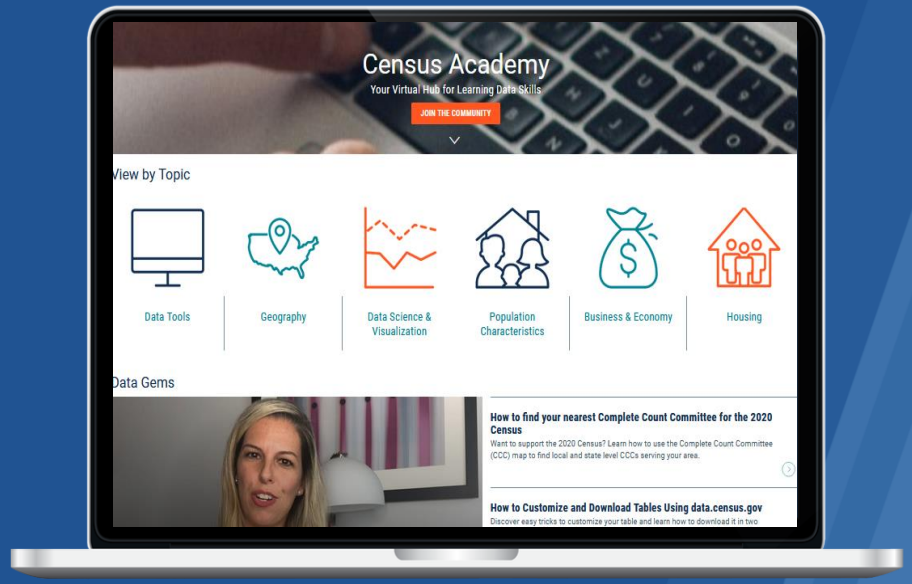
Census.gov/Academy



Contact us:

Census.askdata@census.gov

1-844-ASK-DATA

Share your ideas and feedback at census.academy@census.gov